Cooper-Standard Holdings Inc.

Form 10-O August 01, 2018 **UNITED STATES** SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM 10-O (Mark One) QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF \circ_{1934} For the quarterly period ended June 30, 2018 "TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the transition period from Commission File Number: 001-36127 COOPER-STANDARD HOLDINGS INC. (Exact name of registrant as specified in its charter) 20-1945088 Delaware (State or other jurisdiction of (I.R.S. Employer incorporation or organization) Identification No.) 39550 Orchard Hill Place Drive Novi, Michigan 48375 (Address of principal executive offices) (Zip Code) (248) 596-5900 (Registrant's telephone number, including area code) Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes \(\xi\) No "

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ý No Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes ý No "

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or emerging growth company. See definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer "(Do not check if a smaller reporting company) Smaller reporting company"

Emerging growth company "

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. "

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes " No \circ

As of July 27, 2018 there were 17,819,323 shares of the registrant's common stock, \$0.001 par value, outstanding.

COOPER-STANDARD HOLDINGS INC.

Form 10-Q

For the period ended June 30, 2018

	Page
PART I. FINANCIAL INFORMATION	
Item 1. Financial Statements (unaudited)	
Condensed Consolidated Statements of Net Income	<u>3</u>
Condensed Consolidated Statements of Comprehensive Income	
Condensed Consolidated Balance Sheets	<u>4</u> <u>5</u>
Condensed Consolidated Statement of Changes in Equity	<u>6</u> 7
Condensed Consolidated Statements of Cash Flows	
Notes to Condensed Consolidated Financial Statements	8
Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations	<u>25</u>
Item 3. Quantitative and Qualitative Disclosures About Market Risk	<u>34</u>
Item 4. Controls and Procedures	<u>35</u>
PART II. OTHER INFORMATION	
Item 2. Unregistered Sales of Equity Securities and Use of Proceeds	<u>36</u>
Item 6. Exhibits	<u>37</u>
SIGNATURES	<u>38</u>
2	

PART I — FINANCIAL INFORMATION

Item 1. Financial Statements

COOPER-STANDARD HOLDINGS INC.

CONDENSED CONSOLIDATED STATEMENTS OF NET INCOME

(Unaudited)

(Dollar amounts in thousands except per share amounts)

	Three Months Ended		Six Months Ended Jun		Ended June			
	June 30,			30,				
	2018		2017		2018		2017	
Sales	\$928,262	2	\$909,145	5	\$1,895,653	3	\$1,811,196	
Cost of products sold	776,897		736,957		1,573,408		1,469,006	
Gross profit	151,365		172,188		322,245		342,190	
Selling, administration & engineering expenses	76,339		85,515		156,779		172,569	
Amortization of intangibles	3,399		3,536		6,805		7,131	
Impairment charges			_		_		4,270	
Restructuring charges	10,013		8,323		17,138		18,311	
Operating profit	61,614		74,814		141,523		139,909	
Interest expense, net of interest income	(9,973)	(10,293)	(19,773)	(21,532)
Equity in earnings of affiliates	1,248		1,400		2,935		3,075	
Loss on refinancing and extinguishment of debt			(1,020)	(770)	(1,020)
Other expense, net	(557)	(2,721)	(2,276)	(3,858)
Income before income taxes	52,332		62,180		121,639		116,574	
Income tax expense	9,130		20,530		21,021		32,420	
Net income	43,202		41,650		100,618		84,154	
Net income attributable to noncontrolling interests	(1,325)	(1,194)	(1,949)	(1,992)
Net income attributable to Cooper-Standard Holdings Inc.	\$41,877		\$40,456		\$98,669		\$82,162	
Earnings per share:								
Basic	\$2.33		\$2.26		\$5.48		\$4.61	
Diluted	\$2.28		\$2.14		\$5.36		\$4.34	
The accompanying notes are an integral part of these finan	cial staten	ne	nts.					

COOPER-STANDARD HOLDINGS INC.

CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(Unaudited)

(Dollar amounts in thousands)

	Three Months		Six Months Ended		
	Ended Jui	ne 30,	June 30,		
	2018	2017	2018	2017	
Net income	\$43,202	\$41,650	\$100,618	\$84,154	
Other comprehensive income (loss):					
Currency translation adjustment	(38,254)	14,378	(25,562)	24,669	
Benefit plan liabilities adjustment, net of tax	2,951	(2,535)	4,258	(2,728))
Fair value change of derivatives, net of tax	(3,222)	490	390	1,583	
Other comprehensive income (loss), net of tax	(38,525)	12,333	(20,914)	23,524	
Comprehensive income	4,677	53,983	79,704	107,678	
Comprehensive (income) loss attributable to noncontrolling interests	285	(1,604)	(1,288)	(2,585))
Comprehensive income attributable to Cooper-Standard Holdings Inc.	\$4,962	\$52,379	\$78,416	\$105,093	
The accompanying notes are an integral part of these financial stateme	nts.				

The accompanying notes are an integral part of these financial statements.

COOPER-STANDARD HOLDINGS INC. CONDENSED CONSOLIDATED BALANCE SHEETS

(Dollar amounts in thousands except share amounts)

	June 30, 2018 (unaudited)	December 31, 2017
Assets		
Current assets:	¢ 440 222	Φ <i>5</i> 1 <i>5</i> 0 <i>5</i> 2
Cash and cash equivalents	\$440,233	\$515,952
Accounts receivable, net	507,189	494,049
Tooling receivable	120,746	112,561
Inventories Propoid symposes	184,916	170,196
Prepaid expenses Other current assets	36,949	33,205
	98,511	100,778
Total current assets	1,388,544	1,426,741
Property, plant and equipment, net Goodwill	966,313	952,178
	170,720 61,195	171,852 69,091
Intangible assets, net Other assets	113,511	105,786
Total assets	\$2,700,283	\$2,725,648
Total assets	\$2,700,263	\$2,723,046
Liabilities and Equity		
Current liabilities:		
Debt payable within one year	\$34,243	\$34,921
Accounts payable	524,981	523,296
Payroll liabilities	121,379	123,090
Accrued liabilities	100,658	145,650
Total current liabilities	781,261	826,957
Long-term debt	723,002	723,325
Pension benefits	170,418	180,173
Postretirement benefits other than pensions	60,810	61,921
Other liabilities	76,673	78,183
Total liabilities	1,812,164	1,870,559
7% Cumulative participating convertible preferred stock, \$0.001 par value, 10,000,000	1,012,104	1,070,337
shares authorized; no shares issued and outstanding	_	
Equity:		
Common stock, \$0.001 par value, 190,000,000 shares authorized; 19,884,765 shares issued		
and 17,818,956 shares outstanding as of June 30, 2018, and 19,920,805 shares issued and	18	18
17,914,599 outstanding as of December 31, 2017	10	10
Additional paid-in capital	500,683	512,815
Retained earnings	583,522	511,367
Accumulated other comprehensive loss	*	(197,631)
Total Cooper-Standard Holdings Inc. equity	857,700	826,569
Noncontrolling interests	30,419	28,520
Total equity	888,119	855,089
Total liabilities and equity	\$2,700,283	\$2,725,648
The accompanying notes are an integral part of these financial statements.	- - ,, 00, 2 00	
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COOPER-STANDARD HOLDINGS INC.

CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

(Unaudited)

(Dollar amounts in thousands except share amounts)

Total Equity

	Common Shares	Comm Stock	Additional Paid-In Capital	Retained Earnings	Accumulated Other Comprehens Loss	Cooper-Sta		dard Noncontrol Interests	li īf øtal Equity	
Balance as of December 31, 2017	17,914,599	\$ 18	\$512,815	\$511,367	\$ (197,631	\$ 826,569		\$ 28,520	\$855,0)89
Repurchase of common stock	(276,696)	_	(13,696)	(29,829)		(43,525)	_	(43,52	5)
Cumulative effect of change in accounting principle	_	_	_	8,639	(8,639) —		_	_	
Share-based compensation, net Purchase of	181,053	_	4,246	(5,324)	_	(1,078)	_	(1,078)
noncontrolling interest	_	_	(2,682)	_	_	(2,682)	312	(2,370)
Contribution from noncontrolling interest partner	_	_	_	_	_	_		299	299	
Net income	_			98,669		98,669		1,949	100,61	8
Other comprehensive income (loss)	_	_	_	_	(20,253) (20,253)	(661)	(20,91	4)
Balance as of June 30, 2018	17,818,956	\$ 18	\$500,683	\$583,522	\$ (226,523	\$ 857,700		\$ 30,419	\$888,1	19

The accompanying notes are an integral part of these financial statements.

COOPER-STANDARD HOLDINGS INC. CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

(Unaudited)

(Dollar amounts in thousands)

	Six Month June 30,	s Ended
	2018	2017
Operating Activities:		
Net income	\$100,618	\$84,154
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation	66,367	57,914
Amortization of intangibles	6,805	7,131
Impairment charges	_	4,270
Share-based compensation expense	10,342	11,694
Equity in earnings of affiliates, net of dividends related to earnings	1,573	2,307
Loss on refinancing and extinguishment of debt	770	1,020
Other	2,449	9,829
Changes in operating assets and liabilities	(90,613)	(113,618)
Net cash provided by operating activities	98,311	64,701
Investing activities:		
Capital expenditures	(106,699)	(98,149)
Acquisition of businesses, net of cash acquired	(6,195)	
Proceeds from sale of fixed assets and other	,	348
Net cash used in investing activities	(113,033)	(97,801)
Financing activities:		
Principal payments on long-term debt		(11,297)
Increase in short-term debt, net	224	541
Purchase of noncontrolling interests	(2,450)	
Repurchase of common stock	(43,525)	
Proceeds from exercise of warrants		707
Taxes withheld and paid on employees' share based payment awards		(11,671)
Other		(792)
Net cash used in financing activities		(30,026)
Effects of exchange rate changes on cash, cash equivalents and restricted cash		(16,257)
Changes in cash, cash equivalents and restricted cash		(79,383)
Cash, cash equivalents and restricted cash at beginning of period	518,461	•
Cash, cash equivalents and restricted cash at end of period	\$443,455	\$403,596
Reconciliation of cash, cash equivalents and restricted cash to the condensed consolida	ted halance	sheet.
recommutation of cush, cush equivalents and restricted cush to the condensed consonau	Balance as	
	June 30,	December
	2018	31, 2017
Cash and cash equivalents	\$440,233	\$515,952
Restricted cash included in other current assets	86	88
Restricted cash included in other assets	3,136	2,421
Total cash, cash equivalents and restricted cash shown in the statement of cash flows	\$443,455	\$518,461
The accompanying notes are an integral part of these financial statements.	,	, ,

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

(Unaudited)

(Dollar amounts in thousands except per share and share amounts)

1. Overview

Basis of Presentation

Cooper-Standard Holdings Inc. (together with its consolidated subsidiaries, the "Company" or "Cooper Standard"), through its wholly-owned subsidiary, Cooper-Standard Automotive Inc. ("CSA U.S."), is a leading manufacturer of sealing, fuel and brake delivery, fluid transfer, and anti-vibration systems. The Company's products are primarily for use in passenger vehicles and light trucks that are manufactured by global automotive original equipment manufacturers ("OEMs") and replacement markets. The Company conducts substantially all of its activities through its subsidiaries.

The accompanying unaudited condensed consolidated financial statements have been prepared pursuant to the rules and regulations of the U.S. Securities and Exchange Commission (the "SEC") for interim financial information and should be read in conjunction with the consolidated financial statements and notes thereto included in the Company's Annual Report on Form 10-K for the year ended December 31, 2017 (the "2017 Annual Report"), as filed with the SEC. Accordingly, they do not include all of the information and footnotes required by accounting principles generally accepted in the United States ("U.S. GAAP") for complete financial statements. These financial statements include all adjustments (consisting of normal, recurring adjustments) considered necessary for a fair presentation of the financial position and results of operations of the Company. The operating results for the interim period ended June 30, 2018 are not necessarily indicative of results for the full year. In preparing these financial statements, the Company has evaluated events and transactions for potential recognition or disclosure through the date the financial statements were issued.

The Company's financial statements for the three and six months ended June 30, 2017 have been recast to reflect the effects of the adoption of Accounting Standards Update ("ASU") 2017-07, Compensation-Retirement Benefits (Topic 715): Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost, and ASU 2016-18, Statement of Cash Flows (Topic 230): Restricted Cash, both of which were adopted in the first quarter of 2018. The financial statement line items affected due to the adoption of ASU 2017-07 were cost of products sold, selling, administration & engineering expenses and other expense, net. The financial statement line items affected due to the adoption of ASU 2016-18 were cash flows from operating activities and beginning and ending cash, cash equivalents and restricted cash. Amounts included in restricted cash are maintained to meet local regulatory requirements in Europe and Korea in support of employee related programs.

2. New Accounting Pronouncements

Recently Adopted Accounting Pronouncements

The Company adopted the following ASU during the six months ended June 30, 2018:

ASU 2014-09, Revenue from Contracts with Customers (Topic 606)

On January 1, 2018, the Company adopted Accounting Standards Codification ("ASC") 606, Revenue from Contracts with Customers, and all related amendments using the modified retrospective method applied to contracts that were not completed at the date of initial application. The new standard replaced existing revenue recognition guidance with a five-step model and additional financial statement disclosures. The core principle of the guidance is that a company should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the company expects to be entitled in exchange for those goods or services.

The Company did not recognize a cumulative effect adjustment to the opening balance of retained earnings because net income was not impacted upon adoption. However, the cumulative effect of the changes made to the Company's consolidated January 1, 2018 balance sheet were as follows:

Balance as Adjustments Balance of due to as of December adoption of January 31, 2017 ASC 606 1, 2018

Assets

Current assets:

Accounts receivable, net \$494,049 \$ (4,604) \$489,445 Other current assets \$100,778 \$ 4,604 \$105,382

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued)

(Unaudited)

(Dollar amounts in thousands except per share and share amounts)

The new standard primarily impacted how the Company accounts for unbilled receivables associated with variable pricing arrangements, now recognized as contract assets. Before adoption, the Company recognized such amounts in accounts receivable. In accordance with the modified retrospective adoption method, comparative information has not been restated and continues to be reported under the accounting standards in effect for those periods. The following table summarizes the impact of adopting the new standard on the Company's consolidated balance sheet as of June 30, 2018.

	Balances	Effect of
	Without	Effect of
As		Change
Reported	Adoption	Higher /
	of ASC	_
	606	(Lower)

Assets

ASU

842)

Current assets:

Accounts receivable, net \$507,189 \$507,665 \$ (476) Other current assets \$98,511 \$98,035 \$476

Recently Issued Accounting Pronouncements

The Company considered the recently issued accounting pronouncement summarized as follows, which will have a material impact on its consolidated financial statements or disclosures:

Effective Standard Description **Impact** Date

Requires lessees to recognize right-of-use assets and lease liabilities for all leases (except for short-term leases). The standard also requires additional disclosures to help financial statement users better understand the amount, timing and uncertainty of cash flows arising from lease transactions. Several 2016-02, ASUs have been issued since the issuance of Leases (Topic ASU 2016-02. These ASUs are intended to promote a more consistent interpretation and application of the principles outlined in the standard and provide an additional transition method. A modified retrospective transition approach is required with certain practical expedients available.

The Company continues to perform a comprehensive evaluation on the impacts of adopting this standard and believes this standard will primarily result in a material increase in assets and liabilities on its consolidated balance sheet and will not have a material impact on its consolidated income statement or statement of cash flows. The Company is progressing in its implementation of January lease administration software and continues to 1, 2019 assess the impact to our systems, processes and internal controls. The Company will adopt the guidance effective January 1, 2019 using the modified retrospective method whereby the cumulative effect of adopting the standard is recognized in equity at the date of initial application.

The Company considered the recently issued accounting pronouncement summarized as follows, which is not expected to have a material impact on its consolidated financial statements:

Effective Standard Description Date ASU 2018-07, Compensation -Aligns the measurement and classification guidance for Stock Compensation (Topic 718): Improvements to Nonemployee Share-Based share-based payments to nonemployees with the guidance for January 1, 2019 share-based payments to employees. Payment Accounting

3. Acquisitions

AMI Acquisition

In the first quarter of 2018, the Company finalized its purchase of 100% equity interest of the China fuel and brake business of AMI Industries ("AMI China") for cash consideration of \$4,124. This acquisition directly aligns with the Company's growth strategy by expanding the Company's fuel and brake business. The results of operations of AMI China are included in the Company's condensed consolidated financial statements from the date of acquisition, February 1, 2018, and reported within the Asia Pacific segment. The pro forma effect of this acquisition would not materially impact the Company's reported results for any periods presented, and as a result no pro forma information has been presented. This acquisition was

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued)

(Unaudited)

(Dollar amounts in thousands except per share and share amounts)

accounted for as a business combination, with the total purchase price allocated on a preliminary basis using information available. The fair value of identifiable assets acquired and liabilities assumed exceeded the fair value of the consideration transferred by an immaterial amount.

INOAC Acquisition

Also in the first quarter of 2018, the Company purchased the remaining 49% equity interest of Cooper-Standard INOAC Pte. Ltd., a fluid transfer systems joint venture, at a purchase price of \$2,450. This acquisition was accounted for as an equity transaction. Subsequent to the transaction, the Company owns 100% of the equity interests of Cooper-Standard INOAC Pte. Ltd.

Subsequent Event

On August 1, 2018, the Company acquired Lauren Manufacturing and Lauren Plastics, extruders and molders of organic, silicone, thermoplastic and engineered polymer products with expertise in sealing solutions, to further expand our non-automotive and adjacent markets. The base purchase price of the acquisition was \$92,700.

4. Revenue

The Company recognizes revenue in accordance with ASC 606, Revenue from Contracts with Customers, which was adopted on January 1, 2018 using the modified retrospective method.

Revenue by customer group for the three months ended June 30, 2018 was as follows:

	North	Ентопо	Asia	South	Consolidated	
	America	Europe	Europe Pacific America		Consolidated	
Automotive	\$465,384	\$247,656	\$147,993	\$23,412	\$ 884,445	
Commercial	15,746	9,557	1	95	15,399	
Other	6,478	21,911		29	28,418	
Revenue	\$477,608	279,124	\$147,994	\$23,536	\$ 928,262	

Revenue by customer group for the six months ended June 30, 2018 was as follows:

	North	Europa	Asia	South	Consolidated	
	America	Europe	Pacific	America		
Automotive	\$954,121	\$508,312	\$297,162	\$49,862	\$ 1,809,457	
Commercial	111,099	19,137	7	240	30,483	
Other	11,566	44,076	_	71	55,713	
Revenue	\$976,786	\$571,525	\$297,169	\$50,173	\$ 1,895,653	

The automotive group consists of sales to automotive OEMs and automotive suppliers, while the commercial group represents sales to OEMs of on- and off-highway commercial equipment and vehicles. The other customer group includes sales related to specialty and adjacent markets.

Substantially all the Company's revenues are generated from sealing, fuel and brake delivery, fluid transfer and anti-vibration systems for use in passenger vehicles and light trucks manufactured by global OEMs.

A summary of the Company's products is as follows:

Product Line Description

Protect vehicle interiors from weather, dust and noise intrusion for improved driving Sealing Systems

experience; provide aesthetic and functional class-A exterior surface treatment

Fuel & Brake Delivery

Sense, deliver and control fluids to fuel and brake systems **Systems**

Fluid Transfer Systems

Sense, deliver and control fluid and vapors for optimal powertrain & HVAC

operation

Control and isolate vibration and noise in the vehicle to improve ride and

Anti-Vibration Systems handling

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued) (Unaudited)

(Dollar amounts in thousands except per share and share amounts)

Revenue by product line for the three months ended June 30, 2018 was as follows:

	North	Europa	Asia	South	Consolidated	
	America	Europe	Pacific	America	Consolidated	
Sealing systems	\$165,872	\$175,637	\$116,484	\$17,479	\$ 475,472	
Fuel and brake delivery systems	139,308	36,661	24,234	5,973	206,176	
Fluid transfer systems	107,495	23,055	5,042	84	135,676	
Anti-vibration systems	64,751	20,567	2,234	_	87,552	
Other	182	23,204		_	23,386	
Consolidated	\$477,608	\$279,124	\$147,994	\$23,536	\$ 928,262	

Revenue by product line for the six months ended June 30, 2018 was as follows:

	North	Europe	Asia	South	Consolidated	
	America	Europe	Pacific	America	Consolidated	
Sealing systems	\$338,683	\$360,089	\$234,374	\$37,388	\$ 970,534	
Fuel and brake delivery systems	278,109	75,614	46,329	12,576	412,628	
Fluid transfer systems	227,168	46,064	11,656	209	285,097	
Anti-vibration systems	132,272	41,749	4,810	_	178,831	
Other	554	48,009	_	_	48,563	
Consolidated	\$976,786	\$571,525	\$297,169	\$50,173	\$ 1,895,653	

Performance Obligations

A performance obligation is a promise in a contract to transfer a distinct good or service to the customer, and is the unit of account in ASC 606. The Company has one major performance obligation category: manufactured parts. A contract's transaction price is allocated to each distinct performance obligation and recognized when the performance obligation is satisfied. It is not unusual for the Company's contracts to include multiple performance obligations. For such contracts, the Company generally allocates the contract's transaction price to each performance obligation based on the purchase order or other arranged pricing.

The Company recognizes revenue at a point in time, generally when products are shipped or delivered. The point at which revenue is recognized often depends on the shipping terms.

The Company usually enters agreements with customers to produce products at the beginning of a vehicle's life. Blanket purchase orders received from customers and related documents generally establish the annual terms, including pricing, related to a vehicle model. Although purchase orders do not usually specify quantities, fulfillment of customers' purchasing requirements can be the Company's obligation for the entire production life of the vehicle. These agreements generally may be terminated by the Company's customer at any time, but such cancellations have historically been minimal. Customers typically pay for parts based on customary business practices with payment terms generally between 30 and 90 days. The Company has no significant financing arrangements with customers. The Company applies the optional exemption to forgo disclosing information about its remaining performance obligations because its contracts usually have an original expected duration of one year or less. It also applies an accounting policy to treat shipping and handling costs that are incurred after revenue is recognizable as a fulfillment activity by expensing such costs as incurred, instead of as a separate performance obligation. This is consistent with the Company's historical accounting practices. The Company has chosen to present revenue net of sales and other similar taxes, which is also consistent with its historical accounting practices.

Contract Estimates

The amount of revenue recognized is usually based on the purchase order price and adjusted for variable consideration, including pricing concessions. The Company accrues for pricing concessions by reducing revenue as products are shipped or delivered. The accruals are based on historical experience, anticipated performance and management's best judgment. The Company also generally has ongoing adjustments to customer pricing arrangements based on the content and cost of its products. Such pricing accruals are adjusted as they are settled with customers. Customer returns are usually related to quality or shipment issues and are recorded as a reduction of revenue. The

Company generally does not recognize significant return obligations due to their infrequent nature.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued)

(Unaudited)

(Dollar amounts in thousands except per share and share amounts)

Contract Balances

The Company's contract assets consist of unbilled amounts associated with variable pricing arrangements in its Asia Pacific region. Once pricing is finalized, contract assets are transferred to accounts receivable. As a result, the timing of revenue recognition and billings, as well as changes in foreign exchange rates, will impact contract assets on an ongoing basis. Changes during the six month period ended June 30, 2018 were not materially impacted by any other factors.

The Company's contract liabilities consist of advance payments received and due from customers. Net contract assets (liabilities) consisted of the following:

	June 30, 2018	January 1, 2018	Change
Contract assets	\$476	\$4,604	\$(4,128)
Contract liabilities	(962)		(962)
Net contract assets (liabilities)	\$(486)	\$4,604	\$(5,090)

Other

The Company provides assurance-type warranties to its customers. Such warranties provide customers with assurance that the related product will function as intended and complies with any agreed-upon specifications, and are recognized in costs of products sold.

5. Restructuring

On an ongoing basis, the Company evaluates its business and objectives to ensure that it is properly configured and sized based on changing market conditions. Accordingly, the Company has implemented several restructuring initiatives, including closure or consolidation of facilities throughout the world and the reorganization of its operating structure.

In January 2015, the Company announced its intention to further restructure its European manufacturing footprint based on anticipated market demands. This initiative is expected to be substantially complete by December 31, 2018. The estimated cost of this initiative is \$121,000 to \$125,000, of which approximately \$113,000 has been incurred to date. The Company expects to incur total employee separation costs (as defined below) of approximately \$61,000 to \$63,000, other related exit costs of approximately \$59,000 to \$61,000 and non-cash asset impairments related to restructuring activities of approximately \$500.

The Company's restructuring charges consist of severance, retention and outplacement services, and severance-related postemployment benefits (collectively, "employee separation costs"), other related exit costs and asset impairments related to restructuring activities.

Restructuring expense by segment for the three and six months ended June 30, 2018 and 2017 was as follows:

	Three M	onths	Six Mon	ths
	Ended Ju	ine 30,	Ended Ju	ine 30,
	2018	2017	2018	2017
North America	\$1,896	\$817	\$3,001	\$817
Europe	7,724	6,816	13,253	16,105
Asia Pacific	332	690	769	1,389
South America	61	_	115	
Total	\$10,013	\$8,323	\$17,138	\$18,311

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued)

(Unaudited)

(Dollar amounts in thousands except per share and share amounts)

Restructuring activity for the six months ended June 30, 2018 was as follows:

	Employee	Other	
	Separation	Exit	Total
	Costs	Costs	
Balance as of December 31, 2017	\$ 15,091	\$7,244	\$22,335
Expense	11,962	5,176	17,138
Cash payments	(16,623)	(8,657)	(25,280)
Foreign exchange translation and other	(467)	(86)	(553)
Balance as of June 30, 2018	\$ 9,963	\$3,677	\$13,640

6. Inventories

Inventories consist of the following:

	June 30,	December 31,
	2018	2017
Finished goods	\$49,330	\$ 47,613
Work in process	41,689	35,455
Raw materials and supplies	93,897	87,128
	\$184,916	\$ 170,196

7. Property, Plant and Equipment

Property, plant and equipment consists of the following:

	June 30,	December 31,
	*	-
	2018	2017
Land and improvements	\$72,192	\$ 73,419
Buildings and improvements	306,287	305,231
Machinery and equipment	1,065,390	1,022,279
Construction in progress	215,191	198,358
	1,659,060	1,599,287
Accumulated depreciation	(692,747)	(647,109)
Property, plant and equipment, net	\$966,313	\$ 952,178

Impairment of Long-Lived Assets

Due to the Company's decision to divest two of its inactive European sites, the Company recorded non-cash asset impairment charges of \$4,270 in the six months ended June 30, 2017. Fair value was determined based on current real estate market conditions.

8. Goodwill and Intangible Assets

Goodwill

Changes in the carrying amount of goodwill by reportable operating segment for the six months ended June 30, 2018 were as follows:

	North America	Europe	Asia Pacific	1 otai
Balance as of December 31, 2017	\$ 122,395	\$12,454	\$ 37,003	\$171,852
Foreign exchange translation	(153)	(328)	(651)	(1,132)
Balance as of June 30, 2018	\$ 122,242	\$12,126	\$ 36,352	\$170,720

Goodwill is tested for impairment by reporting unit annually or more frequently if events or circumstances indicate that an impairment may exist. There were no indicators of potential impairment during the six months ended June 30, 2018.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued)

(Unaudited)

(Dollar amounts in thousands except per share and share amounts)

Intangible Assets

Intangible assets and accumulated amortization balances as of June 30, 2018 and December 31, 2017 were as follows:

	Gross	Accumulated	Net
	Carrying		Carrying
	Amount	Amortization	Amount
Customer relationships	\$135,667	\$ (92,588)	\$43,079
Developed technology	2,785	(2,785)	_
Other	21,192	(3,076)	18,116
Balance as of June 30, 2018	\$159,644	\$ (98,449)	\$61,195
	Ф125 027	Φ (0.6.2.40	Φ 4O 5O5
Customer relationships	\$135,927	\$ (86,342)	\$49,585
Developed technology	2,893	(2,893)	
Other	22,298	(2,792)	19,506
Balance as of December 31, 2017	\$161,118	\$ (92,027)	\$69,091
9. Debt			

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A summary of outstanding debt as of June 30, 2018 and December 31, 2017 is as follows:

	June 30,	December 31,
	2018	2017
Senior Notes	\$394,041	\$ 393,684
Term Loan	329,697	330,781
Other borrowings	33,507	33,781
Total debt	757,245	758,246
Less current portion	(34,243)	(34,921)
Total long-term debt	\$723,002	\$ 723,325

5.625% Senior Notes due 2026

In November 2016, the Company issued \$400,000 aggregate principal amount of its 5.625% Senior Notes due 2026 (the "Senior Notes"). The Senior Notes mature on November 15, 2026. Interest on the Senior Notes is payable semi-annually in arrears in cash on May 15 and November 15 of each year.

Debt issuance costs related to the Senior Notes are amortized into interest expense over the term of the Senior Notes. As of June 30, 2018 and December 31, 2017, the Company had \$5,959 and \$6,316 of unamortized debt issuance costs, respectively, related to the Senior Notes, which are presented as direct deductions from the principal balance in the condensed consolidated balance sheets.

Term Loan Facility

Also in November 2016, the Company entered into Amendment No. 1 to its senior term loan facility ("Term Loan Facility"), which provides for loans in an aggregate principal amount of \$340,000. Subject to certain conditions, the Term Loan Facility, without the consent of the then-existing lenders (but subject to the receipt of commitments), may be expanded (or a new term loan or revolving facility added) by an amount that will not cause the consolidated secured net debt ratio to exceed 2.25 to 1.00 plus \$400,000 plus any voluntary prepayments, including the ABL Facility (as defined below) to the extent commitments are reduced, not funded from proceeds of long-term indebtedness. The Term Loan Facility matures on November 2, 2023, unless earlier terminated.

On May 2, 2017, the Company entered into Amendment No. 2 to the Term Loan Facility to modify the interest rate. Subsequently, on March 6, 2018, the Company entered into Amendment No. 3 to the Term Loan Facility to further modify the interest rate. In accordance with this amendment, borrowings under the Term Loan Facility bear interest, at the Company's option, at either (1) with respect to Eurodollar rate loans, the greater of the applicable Eurodollar rate and 0.75% plus 2.0% per annum, or (2) with respect to base rate loans, the base rate, (which is the highest of the then current federal funds rate plus 0.5%, the prime rate most recently announced by the administrative agent under the term loan, and the one-month Eurodollar rate plus 1.0%) plus 1.0% per annum. As a result of the Amendment No. 3,

the Company recognized a loss on refinancing and

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued)

(Unaudited)

(Dollar amounts in thousands except per share and share amounts)

extinguishment of debt of \$770 in the six months ended June 30, 2018, which was due to the partial write off of new and unamortized debt issuance costs and unamortized original issue discount.

As of June 30, 2018 and December 31, 2017, the Company had \$3,163 and \$3,537 of unamortized debt issuance costs, respectively, and \$2,040 and \$2,281 of unamortized original issue discount, respectively, related to the Term Loan Facility, which are presented as direct deductions from the principal balance in the condensed consolidated balance sheets. Both the debt issuance costs and the original issue discount are amortized into interest expense over the term of the Term Loan Facility.

ABL Facility

In November 2016, the Company entered into a \$210,000 Third Amended and Restated Loan Agreement of its senior asset-based revolving credit facility ("ABL Facility").

The ABL Facility provides for an aggregate revolving loan availability of up to \$210,000, subject to borrowing base availability, including a \$100,000 letter of credit sub-facility and a \$25,000 swing line sub-facility. The ABL Facility also provides for an uncommitted \$100,000 incremental loan facility, for a potential total ABL Facility of \$310,000, if requested by the borrowers under the ABL Facility and the lenders agree to fund such increase. No consent of any lender is required to effect any such increase, except for those participating in the increase. As of June 30, 2018, there were no borrowings under the ABL Facility, and subject to borrowing base availability, the Company had \$207,992 in availability, less outstanding letters of credit of \$7,484.

Any borrowings under our ABL Facility will mature, and the commitments of the lenders under our ABL Facility will terminate, on November 2, 2021.

As of June 30, 2018 and December 31, 2017, the Company had \$1,194 and \$1,373, respectively, of unamortized debt issuance costs related to the ABL Facility, which are presented in other assets in the condensed consolidated balance sheets.

Debt Covenants

The Company was in compliance with all covenants of the Senior Notes, Term Loan Facility and ABL Facility, as of June 30, 2018.

Other

Other borrowings reflect borrowings under capital leases and local bank lines.

10. Fair Value Measurements and Financial Instruments

Fair Value Measurements

Fair value is defined as an exit price, representing the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants. As such, fair value is a market-based measurement that should be determined based upon assumptions that market participants would use in pricing an asset or liability. As a basis for considering such assumptions, a three-tier fair value hierarchy is utilized, which prioritizes the inputs used in measuring fair value as follows:

Level 1: Observable inputs such as quoted prices in active markets;

Level 2:Inputs, other than quoted prices in active markets, that are observable either directly or indirectly; and Level 3: Unobservable inputs in which there is little or no market data, which require the reporting entity to develop its own assumptions.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued)

(Unaudited)

(Dollar amounts in thousands except per share and share amounts)

Items Measured at Fair Value on a Recurring Basis

Estimates of the fair value of foreign currency and interest rate derivative instruments are determined using exchange traded prices and rates. The Company also considers the risk of non-performance in the estimation of fair value, and includes an adjustment for non-performance risk in the measure of fair value of derivative instruments. In certain instances where market data is not available, the Company uses management judgment to develop assumptions that are used to determine fair value. Fair value measurements and the fair value hierarchy level for the Company's assets and liabilities measured or disclosed at fair value on a recurring basis as of June 30, 2018 and December 31, 2017 were as follows:

	June 30,	December :	31,	Innut
	2018	2017		mput
Forward foreign exchange contracts - other current assets	\$ 466	\$ 761		Level 2
Forward foreign exchange contracts - accrued liabilities	(1,503)	(2,363)	Level 2
Interest rate swaps - other current assets	30			Level 2
Interest rate swaps - accrued liabilities		(515)	Level 2

Items Measured at Fair Value on a Nonrecurring Basis

In addition to items that are measured at fair value on a recurring basis, the Company measures certain assets and liabilities at fair value on a nonrecurring basis, which are not included in the table above. As these nonrecurring fair value measurements are generally determined using unobservable inputs, these fair value measurements are classified within Level 3 of the fair value hierarchy. For further information on assets and liabilities measured at fair value on a nonrecurring basis see Note 3. "Acquisitions" and Note 7. "Property, Plant and Equipment."

Items Not Carried At Fair Value

Fair values of the Company's Senior Notes and Term Loan Facility were as follows:

June 30, December 31,

2018 2017

Aggregate fair value \$730,668 \$ 749,463 Aggregate carrying value (1) 734,900 736,600

Fair values were based on quoted market prices and are classified within Level 1 of the fair value hierarchy. Derivative Instruments and Hedging Activities

The Company is exposed to fluctuations in foreign currency exchange rates, interest rates and commodity prices. The Company enters into derivative instruments primarily to hedge portions of its forecasted foreign currency denominated cash flows and designates these derivative instruments as cash flow hedges in order to qualify for hedge accounting. Gains or losses on derivative instruments resulting from hedge ineffectiveness are reported in earnings. The Company formally documents its hedge relationships, including the identification of the hedging instruments and the hedged items, as well as its risk management objectives and strategies for undertaking the cash flow hedges. The Company also formally assesses whether a cash flow hedge is highly effective in offsetting changes in the cash flows of the hedged item. Derivatives are recorded at fair value in other current assets, other assets, accrued liabilities and other long-term liabilities. For a cash flow hedge, the effective portion of the change in fair value of the derivative is recorded in accumulated other comprehensive income (loss) ("AOCI") in the condensed consolidated balance sheet and reclassified into earnings when the underlying hedged transaction is realized. The realized gains and losses are recorded on the same line as the hedged transaction in the consolidated statements of net income.

The Company is exposed to credit risk in the event of nonperformance by its counterparties on its derivative financial instruments. The Company mitigates this credit risk exposure by entering into agreements directly with major financial institutions with high credit standards that are expected to fully satisfy their obligations under the contracts. Cash Flow Hedges

Forward Foreign Exchange Contracts - The Company uses forward contracts to mitigate the potential volatility to earnings and cash flow arising from changes in currency exchange rates that impact the Company's foreign currency

⁽¹⁾ Excludes unamortized debt issuance costs and unamortized original issue discount.

transactions. The principal currencies hedged by the Company include various European currencies, the Canadian Dollar, the Mexican Peso, and

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued)

(Unaudited)

(Dollar amounts in thousands except per share and share amounts)

the Brazilian Real. As of June 30, 2018, the notional amount of these contracts was \$89,982 and consisted of hedges of transactions up to June 2019.

Interest rate swaps - The Company uses interest rate swap transactions to manage cash flow variability associated with its variable rate Term Loan Facility. The interest rate swap contract, which fixes the interest payments of variable rate debt instruments, is used to manage exposure to fluctuations in interest rates. As of June 30, 2018, the notional amount of these contracts was \$150,000 with maturities through September 2018. The fair market value of all outstanding interest rate swap and other derivative contracts is subject to changes in value due to changes in interest rates. Pretax amounts related to the Company's cash flow hedges that were recognized in other comprehensive income (loss)

("OCI") were as follows:

Gain (Loss) Recognized in OCI
Three Months Six Months
Ended June 30, Ended June 30,
2018 2017 2018 2017
Forward foreign exchange contracts \$(3,765) \$1,682 \$1,160 \$2,623
Interest rate swaps 105 (175) 443 (49)
Total \$(3,660) \$1,507 \$1,603 \$2,574

Pretax amounts related to the Company's cash flow hedges that were reclassified from AOCI were as follows:

Gain (Loss)

Gain (Loss)

\$437 \$(22) \$209 \$177

		Reclassified	Reclassified
		from AOCI to	from AOCI
		Income	to Income
		(Effective	(Ineffective
		Portion)	Portion)
		Three Months	Ended June
		30,	
	Classification	2018 2017	2018 2017
Forward foreign exchange contracts	Cost of products sold	\$145 \$1,335	\$— \$—
Interest rate swaps	Interest expense, net of interest income	18 (684	— 92
Total	•	\$163 \$651	\$— \$92
		Gain (Loss)	Gain (Loss)
		Reclassified	Reclassified
		from AOCI to	from AOCI
		Income	to Income
		(Effective	(Ineffective
		Portion)	Portion)
		Six Months En	ded June 30,
	Classification	2018 2017	2018 2017
Forward foreign exchange contracts	Cost of products sold	\$630 \$1,456	\$— \$—
Interest rate swaps	Interest expense, net of interest income	(193) (1,478)	209 177
m 1		* * *	****

The amount of gains to be reclassified from AOCI into income in the next twelve months related to the interest rate swap is expected to be approximately \$30.

11. Accounts Receivable Factoring

Total

As a part of its working capital management, the Company previously sold certain receivables through third-party financial institutions in on- and off-balance sheet arrangements. In December 2017, the Company completed the transition from multiple factoring providers to a pan-European program under a single third-party financial institution

(the "Factor"). The amount sold varies each month based on the amount of underlying receivables and cash flow needs of the Company. These are permitted transactions under the Company's credit agreements governing the ABL Facility and Term Loan Facility and the indenture governing the Senior Notes. Costs incurred on the sale of receivables are recorded in other expense, net and interest expense, net of interest income in the condensed consolidated statements of net income. The sale of receivables under this contract is considered an off-balance sheet arrangement to the Company and is accounted for as a true sale and is excluded from accounts receivable in the consolidated balance sheet.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued)

(Unaudited)

(Dollar amounts in thousands except per share and share amounts)

Amounts outstanding under receivable transfer agreements entered into by various locations as of the period end were as follows:

June 30, December 31,

2018 2017

Off-balance sheet arrangements \$118,698 \$ 96,588

Accounts receivable factored and related costs throughout the period were as follows:

	Off Ralan	ca Shaat A	rrangemen	te	On-Balanc	ce Sheet
	OII-Daiaii	ce sheet A	mangemen	its	Arrangem	ents
					Three	Six
	Three Mo	nths	Six Month	s Ended	Months	Months
	Ended Jun	ne 30,	June 30,		Ended	Ended
					June 30,	June 30,
	2018	2017	2018	2017	20 20 17	20 20 17
Accounts receivable factored	\$152,996	\$143,186	\$369,567	\$292,110	\$-\$6,455	\$-\$14,106
Costs	333	610	717	1,065	—19	45

The Company continues to service sold receivables and acts as collection agent for the Factor. As of June 30, 2018 and December 31, 2017, cash collections on behalf of the Factor that have yet to be remitted were \$18,325 and \$36,248, respectively, and are reflected in cash and cash equivalents in the condensed consolidated balance sheet. 12. Pension and Postretirement Benefits Other Than Pensions

The Company adopted ASU 2017-07 during the first quarter of 2018. As a result, the service cost component of net periodic benefit (income) cost is included in cost of products sold and selling, administrative and engineering expenses in the condensed consolidated statements of net income. All other components of net periodic benefit (income) cost are included in other expense, net in the condensed consolidated statements of net income for all periods presented.

The components of net periodic benefit (income) cost for the Company's defined benefit plans and other postretirement benefit plans were as follows:

	Pension	Benefits		
	Three Mo	onths Ended	d June 30),
	2018		2017	
	U.S.	Non-U.S.	U.S.	Non-U.S.
Service cost	\$213	\$ 1,065	\$204	\$ 969
Interest cost	2,706	1,050	2,925	1,072
Expected return on plan assets	(4,354)	(633)	(4,003)	(650)
Amortization of prior service cost and actuarial loss	601	668	468	715
Net periodic benefit (income) cost	\$(834)	\$ 2,150	\$(406)	\$ 2,106
	Pension	Benefits		
	Six Mont	ths Ended J	une 30,	
	2018		2017	
	2018 U.S.	Non-U.S.		Non-U.S.
Service cost		Non-U.S. \$ 2,161		Non-U.S. \$ 1,908
Service cost Interest cost	U.S.		U.S.	
	U.S. \$426	\$ 2,161	U.S. \$408 5,850	\$ 1,908
Interest cost	U.S. \$426 5,412	\$ 2,161 2,120	U.S. \$408 5,850	\$ 1,908 2,128

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued) (Unaudited)

(Dollar amounts in thousands except per share and share amounts)

	Other	Postretiren	nent Ben	efits
	Three 1	Months En	ded June	e 30,
	2018		2017	
	U.S.	Non-U.S.	U.S.	Non-U.S.
Service cost	\$77	\$ 124	\$79	\$ 102
Interest cost	300	198	324	167
Amortization of prior service credit and actuarial gain	(418)	77	(479)	(4)
Other	1		1	
Net periodic benefit (income) cost	\$(40)	\$ 399	\$(75)	\$ 265
	Other	Postretiren	nent Ben	efits
		Postretiren onths Ende		
	Six Mo		d June 30 2017	
Service cost	Six Mo 2018	onths Ende	d June 30 2017	0,
Service cost Interest cost	Six Mo 2018 U.S.	onths Ended	d June 30 2017 U.S.	0, Non-U.S.
	Six Mo 2018 U.S. \$154 600	Non-U.S. \$ 250 396	2017 U.S. \$158 648	0, Non-U.S. \$ 206
Interest cost	Six Mo 2018 U.S. \$154 600	Non-U.S. \$ 250 396	2017 U.S. \$158 648	Non-U.S. \$ 206 337

13. Other Expense, Net

The components of other expense, net were as follows:

	Three Months	Six Months Ended
	Ended June 30,	June 30,
	2018 2017	2018 2017
Foreign currency losses	\$(121) \$(1,906)	\$(1,709) \$(2,578)
Components of net periodic benefit cost other than service cost	(196) (536)	(433) (1,033)
Losses on sales of receivables	(392) (342)	(717) (560)
Miscellaneous income	152 63	583 313
Other expense, net	\$(557) \$(2,721)	\$(2,276) \$(3,858)

14. Income Taxes

The Company determines its effective tax rate each quarter based upon its estimated annual effective tax rate. The Company records the tax impact of certain unusual or infrequently occurring items, including changes in judgment about valuation allowances and effects of changes in tax laws or rates, in the interim period in which they occur. In addition, jurisdictions with a projected loss for the year where no tax benefit can be recognized are excluded from the estimated annual effective tax rate.

Income tax expense, income before income taxes and the corresponding effective tax rate for the three and six months ended June 30, 2018 and 2017, were as follows:

	Three M	onths Ended	Six Months	s Ended
	June 30,		June 30,	
	2018	2017	2018	2017
Income tax expense	\$9,130	\$20,530	\$21,021	\$32,420
Income before income taxes	52,332	62,180	121,639	116,574
Effective tax rate	17 9	6 33 %	17 %	28 %

The effective tax rate for the three and six months ended June 30, 2018 compared to the three and six months ended June 30, 2017 was lower primarily due to the lower U.S. statutory rate in the three and six months ended June 30, 2018. The

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued) (Unaudited)

(Dollar amounts in thousands except per share and share amounts)

income tax rate for the three and six months ended June 30, 2018 and 2017 varies from statutory rates primarily due to tax credits, the impact of income taxes on foreign earnings taxed at rates varying from the U.S. statutory rate, the inability to record a tax benefit for pre-tax losses in certain foreign jurisdictions to the extent not offset by other categories of income, income tax incentives, excess tax benefits related to share-based compensation and other permanent items. Further, the Company's current and future provision for income taxes may be impacted by the recognition of valuation allowances in certain countries. The Company intends to maintain these valuation allowances until it is more likely than not that the deferred tax assets will be realized.

On December 22, 2017, the U.S. Tax Cuts and Jobs Act (the "Act") was enacted into law. The Act reduces the U.S. federal corporate tax rate from 35% to 21% and requires companies to pay a one-time transition tax on earnings of certain foreign subsidiaries that were previously deferred. Additional changes potentially impacting the Company include limitations on the deductibility of executive compensation and new taxes on certain foreign sourced earnings. Staff Accounting Bulletin 118 allows the Company to record provisional amounts and reflect changes to such amounts through income tax expense during the one-year measurement period following enactment. All amounts recorded by the Company for the impact of the Act have been recorded provisionally beginning in the period ended December 31, 2017. No changes have been recorded in the period ended June 30, 2018 related to the provisional amounts recorded for the transition tax on foreign earnings, the remeasurement of deferred tax assets and liabilities for the reduced federal tax rate, and the changes to the deductibility of executive compensation. In addition, the Company early adopted ASU 2018-02, Income Statement-Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income, which permits entities to reclassify the tax effects stranded in accumulated other comprehensive income as a result of the Act to retained earnings. The adoption resulted in the reclassification of \$8,639 from accumulated other comprehensive loss to retained earnings.

As of June 30, 2018, the Company made its best estimate of the annual effective tax rate ("EAETR") for the full year of 2018. The Company continues to examine the potential impact of certain provisions of the Act that could affect its 2018 EAETR, including the provisions related to global intangible low-taxed income ("GILTI"), foreign derived intangible income ("FDII") and the base erosion and anti-abuse tax ("BEAT"). Accordingly, the Company's 2018 EAETR may change in subsequent interim periods as additional analysis is completed. The Company has elected to recognize the resulting tax on GILTI as a period expense in the period the tax is incurred and expects to incur tax for the year ended December 31, 2018.

15. Net Income Per Share Attributable to Cooper-Standard Holdings Inc.

Basic net income per share attributable to Cooper-Standard Holdings Inc. was computed by dividing net income attributable to Cooper-Standard Holdings Inc. by the weighted average number of shares of common stock outstanding during the period. Diluted net income per share attributable to Cooper-Standard Holdings Inc. was computed using the treasury stock method by dividing diluted net income available to Cooper-Standard Holdings Inc. by the weighted average number of shares of common stock outstanding, including the dilutive effect of common stock equivalents, using the average share price during the period.

Information used to compute basic and diluted net income per share attributable to Cooper-Standard Holdings Inc. was as follows:

Net income attributable to Cooper-Standard Holdings Inc.	
Decrease in fair value of share-based awards	
Diluted net income available to Cooper-Standard Holdings Inc. comm	non
stockholders	

Ended June 30, June 30, 2018 2017 2018 2017 \$41,877 \$40,456 \$98,669 \$82,162 — (24) — (6) \$41,877 \$40,432 \$98,669 \$82,156

Six Months Ended

Three Months

Basic weighted average shares of common stock outstanding Dilutive effect of common stock equivalents

18,000,5797,863,203 17,996,0587,803,430 371,196 1,002,764 423,894 1,116,161

Diluted weighted average shares of common stock outstanding	18,371,7	7158,865,967	18,419,9	95 128,919,591
Basic net income per share attributable to Cooper-Standard Holdings Inc.	\$2.33	\$ 2.26	\$5.48	\$ 4.61
Diluted net income per share attributable to Cooper-Standard Holdings Inc.	\$2.28	\$ 2.14	\$5.36	\$ 4.34
20				

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued) (Unaudited)

(Dollar amounts in thousands except per share and share amounts)

16. Accumulated Other Comprehensive Income (Loss)

Changes in accumulated other comprehensive income (loss) by component, net of related tax, were as follows:

	Three Mo	nths	Ended Jun	ie	Six Month	hs E	nded June	
	2018		2017		2018		2017	
Foreign currency translation adjustment								
Balance at beginning of period	\$(83,742)	\$(133,373	3)	\$(95,485)	\$(143,48)	1)
Other comprehensive income (loss) before reclassifications	(36,644)(1)	13,968	(1)	(24,901)(1)	24,076	(1)
Balance at end of period	\$(120,386	5)	\$(119,405	5)	\$(120,386	5)	\$(119,405	5)
Benefit plan liabilities								
Balance at beginning of period	\$(108,011	l)	\$(97,805)	\$(100,749)	9)	\$(97,612)
Other comprehensive income (loss) before reclassifications	2,365	(2)	(3,057)(2)	1,790	(2)	(3,714)(2)
Amounts reclassified from accumulated other comprehensive income (loss)	586	(3)	522	(4)	(6,101)(5)	986	(6)
Balance at end of period	\$(105,060))	\$(100,340))	\$(105,060))	\$(100,340))
Fair value change of derivatives								
Balance at beginning of period	\$2,145		\$(377)	\$(1,397)	\$(1,470)
Other comprehensive income (loss) before reclassifications	(3,080) ⁽⁷⁾	1,135	(7)	902	(7)	1,861	(7)
Amounts reclassified from accumulated other comprehensive income (loss)	(142)(8)	(645)(8)	(582)(8)	(278)(8)
Balance at end of period	\$(1,077)	\$113		\$(1,077)	\$113	
Accumulated other comprehensive income (loss), ending balance	\$(226,523	3)	\$(219,632	2)	\$(226,523	3)	\$(219,632	2)

Includes other comprehensive income (loss) related to intra-entity foreign currency balances that are of a long-term

- (1) investment nature of \$(7.953) and \$1,928 for the three months ended June 30, 2018 and 2017, respectively, and \$(10,240) and \$6,170 for the six months ended June 30, 2018 and 2017, respectively.
- Net of tax expense (benefit) of \$8,530 and \$(30) for the three months ended June 30, 2018 and 2017, respectively, and \$2,725 and \$(50) for the control of \$1,000 for the control of \$2,725 and \$2,500 for the control of \$2 and \$8,725 and \$(59) for the six months ended June 30, 2018 and 2017, respectively.
- (3) Includes actuarial losses of \$961, offset by prior service credits of \$81, net of tax of \$234. See Note 12.
- (4) Includes actuarial losses of \$810, offset by prior service credits of \$80, net of tax of \$208. See Note 12. Includes the effect of the adoption of ASU 2018-02 of \$8,569 and the amortization of prior service credits of \$159,
- (5) offset by curtailment loss of \$1,188 and the amortization of actuarial losses of \$1,986, net of tax of \$487. See Note 12.
- (6) Includes actuarial losses of \$1,542, offset by prior service credits of \$164, net of tax of \$392. See Note 12.
- Net of tax expense (benefit) of \$(580) and \$372 for the three months ended June 30, 2018 and 2017, respectively, and \$701 and \$713 for the six months ended June 30, 2018 and 2017, respectively. See Note 10.
- Net of tax expense (benefit) of \$21 and \$98 for the three months ended June 30, 2018 and 2017, respectively, and (8)\$134 and \$(123) for the six months ended June 30, 2018 and 2017, respectively. Includes the effect of the adoption of ASU 2018-02 of \$70 for the six months ended June 30, 2018. See Note 10.

17. Common Stock

Share Repurchase Program

In June 2018, the Company entered into an accelerated share repurchase ("ASR") agreement with a third-party financial institution to repurchase the Company's common stock. Under the ASR agreement, the Company made an up-front payment of \$35,000 and received an initial delivery of 207,193 shares in the second quarter of 2018. The

total number of shares to be ultimately delivered, and therefore the average price paid per share, will be determined at the end of the repurchase period based on the volume weighted average price of the Company's common stock during that period. The ASR is expected to be completed no later than the fourth quarter of 2018.

In addition to the repurchase under the ASR agreement, during the six months ended June 30, 2018, the Company repurchased 69,503 shares of its common stock at an average purchase price of \$122.64 per share, excluding commissions, for a total cost of \$8,524. During the six months ended June 30, 2017, the Company repurchased 92,409 shares at an average

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued)

(Unaudited)

(Dollar amounts in thousands except per share and share amounts)

purchase price of \$100.85 per share, excluding commissions, for a total cost of \$9,319, of which \$7,514 was settled in cash during the quarter.

Also in June 2018, the Company's Board of Directors approved a new common stock repurchase program (the "2018 Program") authorizing the Company to repurchase, in the aggregate, up to \$150,000 of its outstanding common stock. Under the 2018 Program, repurchases may be made on the open market, through private transactions, accelerated share repurchases, round lot or block transactions on the New York Stock Exchange or otherwise, as determined by the Company's management and in accordance with prevailing market conditions and federal securities laws and regulations. The 2018 Program, which is effective in November 2018, replaces the prior \$125,000 authorization to repurchase shares approved by the board in March 2016 (the "2016 Program"). As of June 30, 2018, the Company had approximately \$1,700 of repurchase authorization remaining under the 2016 Program.

18. Share-Based Compensation

The Company's long-term incentive plans allow for the grant of various types of share-based awards to key employees and directors of the Company and its affiliates. The Company generally awards grants on an annual basis. In February 2018, the Company granted Restricted Stock Units ("RSUs"), Performance Units ("PUs") and stock options. The RSUs cliff vest after three years, the PUs cliff vest at the end of their three-year performance period, and the stock options vest ratably over three years. The number of PUs that will vest depends on the Company's achievement of target performance goals related to the Company's return on invested capital ("ROIC"), which may range from 0% to 200% of the target award amount. The grant-date fair value of the RSUs and PUs was determined using the closing price of the Company's common stock on the date of grant. The grant-date fair value of the stock options was determined using the Black-Scholes option pricing model.

During the six months ended June 30, 2018 and 2017, the Company paid \$13,279 and \$4,296 of cash to settle PUs that vested in February 2018 and February 2017, respectively.

Share-based compensation expense was as follows:

Three Months Six Months Ended June 30, Ended June 30, 2018 2017 2018 2017 **PUs** \$3,084 \$1,444 \$3,379 \$4,844 **RSUs** 2,568 2,479 5,309 4,844 Stock options 815 967 1.654 2,006 \$6,467 \$4,890 \$10,342 \$11,694 Total

19. Related Party Transactions

A summary of the material related party transactions with affiliates accounted for under the equity method was as follows:

Three Months Six Months Ended June 30, Ended June 30, 2018 2017 2018 2017 Sales(1) \$8,007 \$8,524 \$16,080 \$17,836 Purchases⁽¹⁾ 236 204 410 394 Dividends received⁽²⁾ — 2,742 4,508 5,382

- (1) Relates to transactions with Nishikawa Cooper LLC ("NISCO")
- (2) From NISCO and Nishikawa Tachaplalert Cooper Ltd.

Amounts receivable from NISCO and Sujan Cooper Standard AVS Private Limited as of June 30, 2018 and December 31, 2017 were \$6,549 and \$3,109, respectively.

20. Commitments and Contingencies

The Company is periodically involved in claims, litigation and various legal matters that arise in the ordinary course of business. The Company accrues for litigation exposure when it is probable that future costs will be incurred and such costs can be reasonably estimated. Any resulting adjustments, which could be material, are recorded in the period

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS-(Continued) (Unaudited)

(Dollar amounts in thousands except per share and share amounts)

identified. As of June 30, 2018, the Company does not believe that there is a reasonable possibility that any material loss exceeding the amounts already recognized for claims, litigation and various legal matters, if any, has been incurred. However, the ultimate resolutions of these proceedings and matters are inherently unpredictable. As such, the Company's financial condition, results of operations or cash flows could be adversely affected in any particular period by the unfavorable resolution of one or more of these proceedings or matters.

In addition, the Company conducts and monitors environmental investigations and remedial actions at certain locations. As of June 30, 2018 and December 31, 2017, the undiscounted reserve for environmental investigation and remediation was approximately \$6,582 and \$7,363, respectively. The Company does not believe that the environmental liabilities associated with its current and former properties will have a material adverse impact on its financial condition, results of operations or cash flows; however, no assurances can be given in this regard.

21. Segment Reporting

The Company has determined that it operates in four reportable segments: North America, Europe, Asia Pacific and South America. The Company's principal products within each of these segments are sealing, fuel and brake delivery, fluid transfer, and anti-vibration systems. The Company evaluates segment performance based on segment profit before tax. The results of each segment include certain allocations for general, administrative, interest, and other shared costs.

Certain financial information on the Company's reportable segments was as follows:

			Six Months I 30,		Ended June			
	2018		2017		2018		2017	
Sales to external customers								
North America	\$477,608		\$481,626)	\$976,786		\$965,864	
Europe	279,124		260,441		571,525		521,947	
Asia Pacific	147,994		140,842		297,169		273,433	
South America	23,536		26,236		50,173		49,952	
Consolidated	\$928,262	2	\$909,145	,	\$1,895,653		\$1,811,196	5
Intersegment sales								
North America	\$3,993		\$3,225		\$7,619		\$6,823	
Europe	3,710		3,746		7,417		7,327	
Asia Pacific	1,275		1,479		2,994		2,310	
South America	41		7		55		9	
Eliminations	(9,019)	(8,457)	(18,085)	(16,469)
Consolidated	\$ —		\$—		\$ —		\$—	
Income before income taxes								
North America	\$59,667		\$64,476		\$124,352		\$126,757	
Europe	(5,397)	(3,050)	(2,828)	(11,609)
Asia Pacific	1,430		4,509		5,011		7,986	
South America	(3,368)	(3,755)	(4,896)	(6,560)
Consolidated income before income taxes	\$52,332		\$62,180		\$121,639		\$116,574	

$NOTES\ TO\ CONDENSED\ CONSOLIDATED\ FINANCIAL\ STATEMENTS-(Continued)$

(Unaudited)

(Dollar amounts in thousands except per share and share amounts)

	June 30,	December 31,
	2018	2017
Segment assets		
North America	\$1,056,167	\$ 1,049,218
Europe	653,951	644,586
Asia Pacific	642,153	686,329
South America	48,111	54,846
Eliminations and other	299,901	290,669
Consolidated	\$2,700,283	\$ 2,725,648

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations This management's discussion and analysis of financial condition and results of operations is intended to assist in understanding and assessing the trends and significant changes in our results of operations and financial condition. Our historical results may not indicate, and should not be relied upon as an indication of, our future performance. Our forward-looking statements reflect our current views about future events, are based on assumptions and are subject to known and unknown risks and uncertainties that could cause actual results to differ materially from those contemplated by these statements. See "Forward-Looking Statements" below for a discussion of risks associated with reliance on forward-looking statements. Factors that may cause differences between actual results and those contemplated by forward-looking statements include, but are not limited to, those discussed below and in our Annual Report on Form 10-K for the fiscal year ended December 31, 2017 filed with the U.S. Securities and Exchange Commission ("2017 Annual Report") see Item 1A. "Risk Factors." The following should be read in conjunction with our 2017 Annual Report and the other information included herein. Our discussion of trends and conditions supplements and updates such discussion included in our 2017 Annual Report. References in this quarterly report on Form 10-O (the "Report") to "we," "our," or the "Company" refer to Cooper-Standard Holdings Inc., together with its consolidated subsidiaries.

Executive Overview

Our Business

We design, manufacture and sell sealing, fuel and brake delivery, fluid transfer, and anti-vibration systems for use in passenger vehicles and light trucks manufactured by global automotive original equipment manufacturers ("OEMs") and replacement markets. We operate our business along four segments: North America, Europe, Asia Pacific and South America. We are primarily a "Tier 1" supplier, with approximately 85% of our sales in 2017 made directly to major OEMs.

Recent Trends and Conditions

General Economic Conditions and Outlook

The global automotive industry is susceptible to uncertain economic conditions that could adversely impact new vehicle demand. Business conditions may vary significantly from period to period or region to region. In North America, the U.S. economy has gained modest momentum as a result of recent tax changes and decreased regulation on business and industry. However, geo-political uncertainty remains heightened due to escalating global trade tension between the U.S. and certain key trading partners. Continued rising interest rates may temper consumer demand for new vehicles over the next several quarters. The mix of vehicles produced continues to shift away from passenger cars into sport utility vehicles, crossover utility vehicles and light trucks.

In Europe, the current economic recovery is expected to continue through the remainder of the year, albeit at a somewhat slower pace. Improvements in key European labor markets continue to drive improved consumer confidence and increased consumer spending. As a result, demand for light vehicles is increasing modestly. However, similar to North America, potential economic uncertainty related to international trade relations could impact consumer confidence and economic growth going forward.

The Chinese economy started the year strong with robust infrastructure investment and strong retail growth. Relatively stable momentum is expected to continue at a slower pace in the second half of the year. However, the aforementioned global trade tensions are also causing uncertainty that may contribute to a more pronounced slowdown. Consumer preferences and an expanding middle class in China continue to drive crossover utility vehicle demand higher, while demand for passenger cars is expected to decline slightly year over year.

In Brazil, positive economic momentum continues from the beginning of the year; however, the recovery has lost some traction in the uncertain political climate. Rising unemployment, combined with a nationwide transportation strike, had a negative impact on consumer confidence. Due to a long history of economic and political volatility, we remain cautious about consumer confidence and vehicle demand in this region.

Production Levels

Our business is directly affected by the automotive vehicle production rates in North America, Europe, Asia Pacific and South America. New vehicle demand is driven by macroeconomics, including global trade relations, and other factors such as interest rates, manufacturer and dealer sales incentives, fuel prices, consumer confidence, employment

levels, income growth trends and government and tax incentives. The industry could face uncertainties that may adversely impact consumer demand for vehicles as well as the future production environment.

In North America, second quarter total light vehicle production declined modestly compared to the same period a year ago. Production of passenger cars declined while production of light trucks, sport utility vehicles and crossover vehicles increased, driven by consumer demand and preferences. We expect similar patterns to continue in the region throughout 2018. European light vehicle production experienced modest year-over-year growth through the second quarter of 2018, in line with our full-year expectations. In the Asia Pacific region, light vehicle production increased in the second quarter compared to the same period last year. We expect modest year-over-year growth to continue for the remainder of the year, primarily driven by China.

Light vehicle production in certain regions for the three and six months ended June 30, 2018 and 2017 was:

	Three	e Month	s Ended	Six N	Months E	Inded June	
	June	30,		30,			
(In millions of units)	2018	2 017 ⁽¹⁾	% Change	2018	2 017 ⁽¹⁾	% Change	
North America	4.3	4.5	(2.5)%	8.7	9.0	(2.9)%	
Europe	6.0	5.7	4.1%	11.9	11.6	2.2%	
Asia Pacific ⁽²⁾	12.2	11.4	6.2%	24.6	24.0	2.6%	
South America	0.9	0.8	10.2%	1.7	1.5	10.7%	

⁽¹⁾ Production data based on IHS Automotive, July 2018.

⁽²⁾ Includes Greater China units of 6.6 and 6.1 for the three months ended June 30, 2018 and 2017, respectively, and 13.4 and 13.0 for the six months ended June 30, 2018 and 2017, respectively.

Results	of	Operations
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	Three Months Ended June 30, Six Mon			Six Months	Months Ended June 30,		
	2018	2017	Change	2018	2017	Change	
	(dollar an	nounts in th	ousands)				
Sales	\$928,262	\$909,145	\$19,117	\$1,895,653	\$1,811,196	\$84,457	
Cost of products sold	776,897	736,957	39,940	1,573,408	1,469,006	104,402	
Gross profit	151,365	172,188	(20,823)	322,245	342,190	(19,945)	
Selling, administration & engineering expenses	76,339	85,515	(9,176)	156,779	172,569	(15,790)	
Amortization of intangibles	3,399	3,536	(137)	6,805	7,131	(326)	
Impairment charges	_			_	4,270	(4,270)	
Restructuring charges	10,013	8,323	1,690	17,138	18,311	(1,173)	
Operating profit	61,614	74,814	(13,200)	141,523	139,909	1,614	
Interest expense, net of interest income	(9,973) (10,293) 320	(19,773)	(21,532)	1,759	
Equity in earnings of affiliates	1,248	1,400	(152)	2,935	3,075	(140)	
Loss on refinancing and extinguishment of debt		(1,020) 1,020	(770)	(1,020)	250	
Other expense, net	(557) (2,721) 2,164	(2,276)	(3,858)	1,582	
Income before income taxes	52,332	62,180	(9,848)	121,639	116,574	5,065	
Income tax expense	9,130	20,530	(11,400)	21,021	32,420	(11,399)	
Net income	43,202	41,650	1,552	100,618	84,154	16,464	
Net income attributable to noncontrolling interests	(1,325) (1,194) (131)	(1,949)	(1,992)	43	
Net income attributable to Cooper-Standard Holdings Inc.	\$41,877	\$40,456	\$1,421	\$98,669	\$82,162	\$16,507	

Three Months Ended June 30, 2018 Compared with Three Months Ended June 30, 2017 Sales

Sales for the three months ended June 30, 2018 increased 2.1%, compared to the three months ended June 30, 2017.

Three Months Ended June 30, Variance Due To:

2018 2017 Change Volume Foreign / Mix* Exchange Other (dollar amounts in thousands)

Total sales 928,262 \$909,145 \$19,117 \$(4,882) \$28,981 \$(4,982)

Gross Profit

	Three Months Ended June 30,					Variance 2			
	2018		2017		Change	Volume / Mix*	Foreign Exchange	Cost Increases / (Decreases	
	(dollar amo	ou	nts in thou	sa	nds)				
Cost of products sold	\$776,897		\$736,957		\$39,940	\$22,121	\$ 23,048	\$ (5,229)
Gross profit	151,365		172,188		(20,823)	(27,003)	5,933	247	
Gross profit percentage of sales	16.3	6	18.9	%					

^{*} Net of customer price reductions

Cost of products sold is primarily comprised of material, labor, manufacturing overhead, freight, depreciation, warranty costs and other direct operating expenses. The Company's material cost of products sold was approximately 51% of total cost of products sold for the three months ended June 30, 2018 and 2017, respectively. The most significant driver of the cost decrease was net operating efficiencies of \$21.8 million, partially offset by material cost and wage inflation.

Gross profit for the three months ended June 30, 2018 decreased 12.1% compared to the three months ended June 30, 2017. The decrease is due to volume and mix including customer price reductions, inflation and net material cost pressure, partially offset by \$21.8 million of net operating efficiencies and foreign exchange.

Selling, Administration and Engineering Expense. Selling, administration and engineering expense includes administrative expenses as well as product engineering and design and development costs. As a percent of sales, sales, administration and engineering expense for the three months ended June 30, 2018 was 8.2% compared to 9.4% for the three months ended June 30, 2017. This decrease is due to lower compensation-related costs and efficiencies related to cost improvement initiatives.

Restructuring. Restructuring charges for the three months ended June 30, 2018 increased \$1.7 million compared to the three months ended June 30, 2017. The increase was primarily driven by higher restructuring charges attributed to North America and Europe, partially offset by lower restructuring charges in Asia Pacific.

Interest Expense, Net. Net interest expense for the three months ended June 30, 2018 decreased \$0.3 million compared to the three months ended June 30, 2017, primarily due to the refinancing of the Term Loan Facility.

Loss on Refinancing and Extinguishment of Debt. Loss on refinancing and extinguishment of debt for the three months ended June 30, 2017 resulted from expensing debt issuance costs and unamortized original issue discount associated with our amended Term Loan Facility.

Other Expense, Net. Other expense for the three months ended June 30, 2018 decreased \$2.2 million compared to the three months ended June 30, 2017 primarily due to lower foreign currency losses.

Income Tax Expense. Income tax expense for the three months ended June 30, 2018 was \$9.1 million on earnings before income taxes of \$52.3 million. This compares to income tax expense of \$20.5 million on earnings before income taxes of \$62.2 million for the same period of 2017. The effective tax rate for the three months ended June 30, 2018 compared to the three months ended June 30, 2017 was lower primarily due to the lower U.S. statutory rate in the three months ended June 30, 2018. The income tax rate for the three months ended June 30, 2018 varied from statutory rates primarily due to tax credits, the impact of income taxes on foreign earnings taxed at rates varying from

^{*} Net of customer price reductions

the U.S. statutory rate, the inability to record a tax

benefit for pre-tax losses in certain foreign jurisdictions to the extent not offset by other categories of income, income tax incentives, excess tax benefits related to share-based compensation and other permanent items.

Six Months Ended June 30, 2018 Compared with Six Months Ended June 30, 2017 Sales

Sales for the six months ended June 30, 2018 increased 4.7%, compared to the six months ended June 30, 2017.

Six Months Ended June 30, Variance Due To:

2018 2017 Change Volume Foreign / Mix* Exchange Other

(dollar amounts in thousands)
Total sales \$1,895,653 \$1,811,196 \$84,457 \$13,940 \$81,797 \$(11,280)

Gross Profit

	Six Months Ended June 30,				Variance			
	2018		2017		Change	Volume / Mix*	Foreign Exchange	Cost Increases / (Decreases)
	(dollar amo	un	ts in thousan	ds))			
Cost of products sold	\$1,573,408		\$1,469,006		\$104,402	\$63,130	\$ 69,119	\$ (27,847)
Gross profit	322,245		342,190		(19,945)	(49,190)	12,678	16,567
Gross profit percentage of sales	17.0	%	18.9	%				

^{*} Net of customer price reductions

Cost of products sold is primarily comprised of material, labor, manufacturing overhead, freight, depreciation, warranty costs and other direct operating expenses. The Company's material cost of products sold was approximately 51% of total cost of products sold for the six months ended June 30, 2018 and 2017, respectively. The most significant driver of the cost decrease was net operating efficiencies of \$46.8 million, partially offset by material cost and wage inflation.

Gross profit for the six months ended June 30, 2018 decreased 5.8% compared to the six months ended June 30, 2017. The decrease is due to volume and mix including customer price reductions, inflation and net material cost pressure, partially offset by \$46.8 million of net operating efficiencies and foreign exchange.

Selling, Administration and Engineering Expense. Selling, administration and engineering expense includes administrative expenses as well as product engineering and design and development costs. As a percent of sales, sales, administration and engineering expense for the six months ended June 30, 2018 was 8.3% compared to 9.5% for the six months ended June 30, 2017. This decrease is due to lower compensation-related costs and efficiencies related to cost improvement initiatives.

Restructuring. Restructuring charges for the six months ended June 30, 2018 decreased \$1.2 million compared to the six months ended June 30, 2017. The decrease was primarily driven by lower restructuring expenses related to our European and Asia Pacific initiatives, partially offset by higher restructuring charges attributed to North America. Interest Expense, Net. Net interest expense for the six months ended June 30, 2018 decreased \$1.8 million compared to the six months ended June 30, 2017, primarily due to the refinancing of the Term Loan Facility.

Loss on Refinancing and Extinguishment of Debt. Loss on refinancing and extinguishment of debt for the six months ended June 30, 2018 and 2017 resulted from expensing debt issuance costs and unamortized original issue discount associated with our amended Term Loan Facility.

Other Expense, Net. Other expense for the six months ended June 30, 2018 decreased \$1.6 million compared to the six months ended June 30, 2017 primarily due to lower foreign currency losses and lower components of net periodic benefit cost other than service cost.

Income Tax Expense. Income tax expense for the six months ended June 30, 2018 was \$21.0 million on earnings before income taxes of \$121.6 million. This compares to income tax expense of \$32.4 million on earnings before income taxes of \$116.6 million for the same period of 2017. The effective tax rate for the six months ended June 30, 2018 compared to the six

^{*} Net of customer price reductions

months ended June 30, 2017 was lower primarily due to the lower U.S. statutory rate in the six months ended June 30, 2018. The income tax rate for the six months ended June 30, 2018 varied from statutory rates primarily due to tax credits, the impact of income taxes on foreign earnings taxed at rates varying from the U.S. statutory rate, the inability to record a tax benefit for pre-tax losses in certain foreign jurisdictions to the extent not offset by other categories of income, income tax incentives, excess tax benefits related to share-based compensation and other permanent items. Segment Results of Operations

Three Months Ended June 30, 2018 Compared with Three Months Ended June 30, 2017 Sales

	Three Mo	nths Ended	l June 30,	Variance						
	2018	2017	Change	Volume / Mix*	Foreign Exchange	Other				
	(dollar amounts in thousands)									
Sales to external customers										
North America	\$477,608	\$481,626	\$(4,018)	\$(3,671)	\$2,035	\$(2,382)				
Europe	279,124	260,441	18,683	4,454	21,410	(7,181)				
Asia Pacific	147,994	140,842	7,152	(5,765)	8,336	4,581				
South America	23,536	26,236	(2,700)	100	(2,800)					
Consolidated	\$928,262	\$909,145	\$19,117	\$(4,882)	\$28,981	\$(4,982)				

^{*} Net of customer price reductions

Segment profit (loss)

	Three Months Ended June 30,			Variance Due To:				
	2018	2017	Change	Volume / Mix*	Foreign Exchange	Cost (Increases) / Decreases		
	(dollar amounts in thousands)							
Income before income taxes								
North America	\$59,667	\$64,476	\$(4,809)	\$(12,162)	\$ 785	\$ 6,884	\$(316)	
Europe	(5,397)	(3,050)	(2,347)	(6,164)	1,634	3,289	(1,106)	
Asia Pacific	1,430	4,509	(3,079)	(8,994)	1,848	2,836	1,231	
South America	(3,368)	(3,755)	387	317	(1,289)	1,321	38	
Consolidated income before income taxes	\$52,332	\$62,180	\$(9,848)					

The impact of foreign currency exchange primarily relates to the Euro and the Chinese Renminbi.

Other includes the net impact of acquisitions and divestitures.