PACKAGING SUCCESS TOGETHERTM

## FOURTH QUARTER AND FISCAL 2017 EARNINGS CONFERENCE CALL <br> DECEMBER 7, 2017

## Safe harbor

## FORWARD-LOOKING STATEMENTS

- This presentation contains certain forward-looking information within the meaning of the Private Securities Litigation Reform Act of 1995. The words "may," "will," "expect," "intend," "estimate," "anticipate," "aspiration," "objective," "project," "believe," "continue," "on track" or "target" or the negative thereof and similar expressions, among others, identify forward-looking statements. All forward looking statements are based on information currently available to management. Such forward-looking statements are subject to certain risks and uncertainties that could cause events and the Company's actual results to differ materially from those expressed or implied. Please see the disclosure regarding forward-looking statements immediately preceding Part I of the Company's Annual Report on the most recently filed Form 10-K. The company assumes no obligation to update any forward-looking statements.


## REGULATION G

- This presentation includes certain non-GAAP financial measures like EBITDA and other measures that exclude special items such as restructuring and other unusual charges and gains that are volatile from period to period. Management of the company uses the non-GAAP measures to evaluate ongoing operations and believes that these non-GAAP measures are useful to enable investors to perform meaningful comparisons of current and historical performance of the company. All non-GAAP data in the presentation are indicated by footnotes. Tables showing the reconciliation between GAAP and non-GAAP measures are available at the end of this presentation and on the Greif website at www.greif.com.


## Fourth Quarter and Fiscal Year (FY) 2017 highlights

- Net Sales
- Q4: \$968.1M, up 12\% from prior year
- FY 2017: \$3,638.2M, up 9\% from prior year
- Operating Profit Before Special Items ${ }^{1}$ (OPBSI)
- Q4: \$88.9M, up 2\% from prior year
- FY 2017: \$335.0M, up 9\% from prior year
- Class A EPS Before Special Items ${ }^{1}$
- Q4: \$0.98/sh, up 51\% from prior year
- FY 2017: \$2.95/sh, up 21\% from prior year
- Free Cash Flow ${ }^{2}$


## Free Cash Flow (\$M)



- Q4: \$168.2M, up 47\% from prior year
- FY 2017: \$208.2, up 4\% from prior year


## Building a world class customer service organization

- Pursuing enhancements in 2018 to further embed service mindset and performance
- Net Promoter Survey - wave 5 to be completed in late Q1 2018

*Note: CSI is an internal measure of a plant's or business' performance against selected parameters that customers
experience, giving us an indication of our level of meeting our customers basic needs. Components include: customer complaints received; customer complaints open greater than 30 days; credits raised; number of late deliveries; and the number of deliveries.


## Transforming to achieve performance potential



Transformation embedded into the business and clear accountabilities established
${ }^{1}$ A summary of all special items that are included in the operating profit before special items and Class $A$ earnings per share before special items is set forth in the appendix of this presentation.
Note: A reconciliation of the differences between all non-GAAP financial measures used in this presentation with the most directly comparable GAAP financial measures is included in the appendix of this presentation.

## Linking customer service and financial results


${ }^{1}$ A summary of all special items that are included in the operating profit before special items and Class A earnings per share before special items is set forth in the appendix of this presentation.

## Rigid Industrial Packaging \& Services (RIPS) review

- Q4'17 net sales from primary products up 8.7\%, excluding divestitures and F/X¹, from prior year
- Q4'17 gross profit down 9\% YoY
- Higher raw material inflation and hurricane impact, partially offset by better manufacturing and transportation efficiencies
- Gross profit margin impacted by structure of pass through mechanisms; expect Q1'18 Gross Profit Margin to be sequentially stronger than Q4'17
- Q4'17 operating profit before special items ${ }^{2}$ down 13\%
- Same factors impacting gross profit, partially offset by reduction in SG\&A expense


## Hurricane headwinds and pass through timing impact margins year over year

${ }^{1}$ A summary of the adjustments for the impact of divestitures is set forth in the appendix of this presentation.
${ }^{2}$ A summary of all special items that are included in the operating profit before special items is set forth in the appendix of this presentation.
Note: A reconciliation of the differences between all non-GAAP financial measures used in this presentation with the most directly comparable GAAP financial measures is included in the appendix of this presentation.

## Paper Packaging \& Services (PPS) review

- Q4'17 net sales up 18\% from prior year - strong volume growth and specialty product sales
- CorrChoice volume growth of $5.0 \%$ versus industry growth of 1.0\%
- Specialty product sales up 17\% from prior year
- Containerboard price increases realized

| \$M | Q4 <br> 2017 | Q4 <br> 2016 | FY <br> 2017 | FY <br> 2016 |
| :--- | :---: | :---: | :---: | :---: |
| Net sales | $\$ 223.0$ | $\$ 189.0$ | $\$ 800.9$ | $\$ 687.1$ |
| Gross profit | $\$ 49.0$ | $\$ 39.0$ | $\$ 150.9$ | $\$ 144.5$ |
| Operating profit <br> before special <br> items | $\$ 34.0$ | $\$ 25.1$ | $\$ 94.1$ | $\$ 91.7$ |

- Q4'17 operating profit before special items ${ }^{1}$ up $35 \%$ from prior year
- Triple wall bulk packaging expansion at MultiCorr underway - expect mid 2018 start up


## Strong year over year volumes and specialty sales

[^0]Note: A reconciliation of the differences between all non-GAAP financial measures used in this presentation with the most directly comparable GAAP financial measures is included in the appendix of this presentation

## Flexible Products \& Services (FPS) review

- Q4'17 net sales up $10 \%$ - strong operating performance across the network
- Q4'17 gross profit margin down 120 BP from prior year, but negatively impacted by $\$ 2.7 \mathrm{M}$ accrual taken for legacy claims
- Excluding claims, Q4'17 gross profit and operating profit before special items ${ }^{1}$ would have been $\$ 14.7 \mathrm{M}$ (19.3\%) and \$3.3M (4.3\%), respectively

| \$M | Q4 <br> 2017 | Q4 <br> 2016 | FY <br> 2017 | FY <br> 2016 |
| :--- | :---: | :---: | :---: | :---: |
| Net sales | $\$ 76.2$ | $\$ 69.1$ | $\$ 286.4$ | $\$ 288.1$ |
| Gross profit | $\$ 12.0$ | $\$ 11.7$ | $\$ 51.1$ | $\$ 42.0$ |
| Operating profit <br> before special <br> items | $\$ 0.6$ | $\$ 0.1$ | $\$ 6.9$ | $\$(3.6)$ |

## Improved operational execution with momentum building

${ }^{1}$ A summary of all special items that are included in the operating profit before special items is set forth in the appendix of this presentation.
Note: A reconciliation of the differences between all non-GAAP financial measures used in this presentation with the most directly comparable GAAP financial measures is included in the appendix of this presentation.

## Q4 Class A EPS before special items up 51\%


${ }^{1}$ A summary of the adjustments for the impact of divestitures and currency translation is set forth in the appendix of this presentation
${ }^{2}$ A summary of all special items that are excluded from net income attributable to Greif, Inc. before special items, the earnings per diluted Class A share before special items and operating profit before special items is set forth in the appendix of this presentation. ${ }^{\text {FFree }}$ cash flow is defined as net cash provided by operating activities less cash paid for capital expenditures.
3 Free cash flow is defined as net cash provided by operating activities less cash paid for capital
${ }^{4}$ Reconciliation of forward looking information is referenced in the appendix of this presentation.

## Guidance points to continued improvement



1Reconciliation of forward looking information is referenced in the appendix of this presentation.
2A summary of all special items that are excluded from net income
${ }^{2}$ A summary of all special items that are excluded from net income attributable to Greif, Inc. before special items, the earnings per diluted Class A share before special items and operating profit before special items is set forth in the appendix of this presentation.
ree cash flow is defined as net cash provided by operating activities less cash paid for capital expenditures.
Note: A reconciliation of the differences between all non-GAAP financial measures used in this presentation with the most directly comparable GAAP financial measures is included in the appendix of this presentation.

## Financial flexibility to execute capital priorities



## Capital priorities

1 Reinvest in the business

- Fund maintenance and organic growth opportunities that exceed required returns

2 Maintain financial flexibility

- Current leverage ratio of $1.85 x$; maintain between $2.0-2.5 x$, but willing to temporarily exceed if compelling growth opportunity emerges

3 Grow the business

- Advance opportunistic capital options if justified by returns

4 Return capital to shareholders

- Maintain annual dividend and examine additional capital returns


## Why invest in Greif?

1. Comprehensive packaging provider with leverage to the industrial economy

Broad product offering with exposure to favorable long term global trends
2) Diverse global portfolio that mitigates risk

Global operations in more than 40 countries that reduces risk and is not easily replicated
3 Best performing customer service company in industrial packaging
Customer centric mindset that strengthens relationships, differentiates the business and engenders loyalty
4. Disciplined execution and capital deployment, leading to reliable earnings and cash flow

Sharp focus on operating fundamentals driven by the Greif Business System
5) Committed to return of capital to shareholders

Solid track record of paying dividends with potential for other shareholder friendly activities

# GREIF 

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## APPENDIX

## Q4 Price, Volume and Foreign Currency Impact to Net Sales for Primary Products:

Excluding Divestitures

| RIPS NA | volume |  | PRICE |  | FX |  | TOTAL SALES VARIANCE |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\bigcirc$ | $\begin{aligned} & 1.2 \% \\ & \$ 2.5 \end{aligned}$ | - | $\begin{aligned} & 3.6 \% \\ & \$ 7.2 \end{aligned}$ | $\bigcirc$ | $\begin{aligned} & 0.3 \% \\ & \$ 0.5 \end{aligned}$ | - | $\begin{array}{r} 5.1 \% \\ \$ 10.2 \end{array}$ |
| RIPS LAtam | $\bigcirc$ | $\begin{aligned} & 5.1 \% \\ & \$ 2.3 \end{aligned}$ | $\bigcirc$ | $\begin{aligned} & 7.0 \% \\ & \$ 3.1 \end{aligned}$ | $\bigcirc$ | $\begin{aligned} & -2.7 \% \\ & (\$ 1.2) \end{aligned}$ | $\bigcirc$ | $\begin{aligned} & 9.4 \% \\ & \$ 4.2 \end{aligned}$ |
| RIPS EMEA | $\bigcirc$ | $\begin{aligned} & 2.8 \% \\ & \$ 6.2 \end{aligned}$ | $\bigcirc$ | $\begin{aligned} & 11.4 \% \\ & \$ 25.8 \end{aligned}$ | $\bigcirc$ | $\begin{array}{r} 4.5 \% \\ \$ 10.1 \end{array}$ | $\bigcirc$ | $\begin{aligned} & 18.7 \% \\ & \$ 42.1 \\ & \hline \end{aligned}$ |
| RIPS APAC | $\bigcirc$ | $\begin{aligned} & -8.1 \% \\ & (\$ 3.5) \\ & \hline \end{aligned}$ | - | $\begin{aligned} & 49.1 \% \\ & \$ 21.3 \\ & \hline \end{aligned}$ | $\bigcirc$ | $\begin{aligned} & 0.0 \% \\ & \$ 0.0 \end{aligned}$ | - | $\begin{aligned} & 41.1 \% \\ & \$ 17.8 \\ & \hline \end{aligned}$ |
| RIPS Segment | $\bigcirc$ | $\begin{aligned} & 1.5 \% \\ & \$ 7.5 \end{aligned}$ | - | $\begin{aligned} & 11.1 \% \\ & \$ 57.4 \end{aligned}$ | $\bigcirc$ | $\begin{aligned} & 1.8 \% \\ & \$ 9.5 \end{aligned}$ | - | $\begin{aligned} & 14.4 \% \\ & \$ 74.4 \end{aligned}$ |
| PPS Segment | $\bigcirc$ | $\begin{gathered} 6.0 \% \\ \$ 11.2 \end{gathered}$ | $\bigcirc$ | $\begin{aligned} & 12.0 \% \\ & \$ 22.7 \end{aligned}$ | $\bigcirc$ | $\begin{aligned} & 0.0 \% \\ & \$ 0.0 \end{aligned}$ | $\bigcirc$ | $\begin{aligned} & 18.0 \% \\ & \$ 33.8 \\ & \hline \end{aligned}$ |
| FPS Segment | $\bigcirc$ | $\begin{gathered} -4.7 \% \\ (\$ 3.2) \\ \hline \end{gathered}$ | $\bigcirc$ | $\begin{aligned} & 2.7 \% \\ & \$ 1.8 \\ & \hline \end{aligned}$ | $\bigcirc$ | $\begin{aligned} & 3.7 \% \\ & \$ 2.5 \end{aligned}$ | $\bigcirc$ | $\begin{aligned} & 1.7 \% \\ & \$ 1.1 \end{aligned}$ |
| PRIMARY PRODUCTS | $\bigcirc$ | $\begin{array}{r} 2.0 \% \\ \text { } \\ \hline 15.5 \\ \hline \end{array}$ | $\bigcirc$ | $\begin{aligned} & 10.6 \% \\ & \$ 81.9 \\ & \hline \end{aligned}$ | $\bigcirc$ | $\begin{array}{r} 1.5 \% \\ \text { s.12.0 } \end{array}$ | $\bigcirc$ | $\begin{array}{r} 14.2 \% \\ \$ 109.3 \\ \hline \end{array}$ |

RECONCILIATION TO TOTAL COMPANY NET SALES

| NON-PRIMARY PRODUCTS | $\bigcirc$ | $-6.9 \%$ $(\$ 6.4)$ | NOTES: <br> (1) Primary products are manufactured steel, plastic and fibre drums; IBCs; linerboard, medium, corrugated sheets and corrugated containers; and $1 \& 2$ loop and 4 loop FIBCs <br> (2) Non-primary products include land management; closures; accessories; filling; reconditioning; water bottles; pails; and other miscellaneous products / senvices <br> (3) The breakdown of price, volume, FX is not provided for non-primary products due to the difficulty of computation due to the mix, transactions, and other issues <br> (4) $\mathrm{Var} \%>2.5 \%$ <br> (5) $(2.5) \%<\mathrm{Var} \%<2.5 \%$ <br> (6) $\mathrm{Var} \%<(2.5) \%$ |
| :---: | :---: | :---: | :---: |
| TOTAL COMPANY EXCL. DIVESTITURES | $\bigcirc$ | $\begin{array}{r} 11.9 \% \\ \text { \$102.9 } \\ \hline \end{array}$ |  |
| divestitures |  | (\$2.5) |  |
| TOTAL COMPANY | $\bigcirc$ | $\begin{gathered} 11.6 \% \\ \text { si00.5 } \end{gathered}$ |  |

## Fiscal 2018 Foreign Exchange Exposure

| Currency | $10 \%$ strengthening of the USD; <br> impact to OPBSI | Cumulative impact |
| :--- | :---: | :---: |
| Euro | $\mathbf{\$ ( 5 M )}-\$(7 M)$ | $\mathbf{\$ ( 5 M )}-\mathbf{\$ ( 7 M )}$ |
| Next five largest exposures | $\$(7 M)-\$(10 M)$ | $\$(12 M)-\$(17 M)$ |
| Turkish Lira | $\$ 4 M-\$ 5 M$ |  |
| Singapore Dollar | $\$(3 M)-\$(4 M)$ |  |
| Argentina Peso | $\$(3 M)-\$(4 M)$ |  |
| Russia Ruble | $\$(3 M)-\$(4 M)$ |  |
| British Pound | $\$(2 M)-\$(3 M)$ |  |
| All remaining exposures | $\$(4 M)-\$(5 M)$ |  |

- Greif transacts in more than 25 global currencies
- Our currency exposure profile results in a benefit when the US dollar broadly weakens, and we face challenges when the US dollar broadly strengthens
- Offsets created by our global supply chain and cost structure help to mitigate our foreign exchange exposure


## Key strategic priorities and strategy in place

| Vision | In industrial packaging, be the best performing customer service company in the world |  |  |
| :---: | :---: | :---: | :---: |
| Priorities | People \& Teams <br> - Environment, health and safety <br> - Colleague engagement <br> - Accountability aligned to value creation | Customer Service Excellence <br> - Deliver superior customer satisfaction <br> - Create value for our customers through a solutions based approach <br> - Earn our customers trust and loyalty | Performance <br> - Growth aligned to value <br> - Margin expansion via Greif Business System execution <br> - Fiscal discipline and free cash flow expansion |
| Values |  | THE GREIF WAY |  |

Our strategy is to be the premier global industrial packaging solutions provider, creating value for our customers with the most diversified products and services offering

## Non - GAAP Financial Measures

Non-GAAP measures are intended to supplement and should be read together with our financial results. They should not be considered an alternative or substitute for, and should not be considered superior to, our reported financial results. Accordingly, users of this financial information should not place undue reliance on these non-GAAP financial measures.

## GAAP to Non-GAAP Reconciliation:

Segment and Consolidated Q4 2017, Q4 2016, FY 2017, FY 2016 and FY 2015 Operating Profit (Loss) Before Special Items

| (in millions) | Trire monts ended OCtober 3 , |  |  |  | Twelve montis ended OCtober |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  | 2017 |  | 2016 |  |
| Operating profit (loss): |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | s | 24.5 | s | 30.5 | s | 173.4 | \$ | 143.9 |
| Paper Packaging \& Services |  | 33.7 |  | 24.7 |  | 83.3 |  | 89.1 |
| Flexible Products \& Services |  | 0.3 |  | (3.6) |  | 5.7 |  | (15.5) |
| Land Management |  | 1.9 |  | 2.0 |  | 10.0 |  | 8.1 |
| Total operating profit | $s$ | 60.4 | 5 | 53.6 | S | 272.4 | s | 225.6 |
| Restructuring charges: |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | s | 3.6 | s | 7.8 | s | 11.2 | \$ | 19.0 |
| Paper Packaging \& Services |  | - |  | 0.4 |  | 0.3 |  | 1.5 |
| Flexible Products \& Services |  | 0.4 |  | 0.7 |  | 1.2 |  | 6.3 |
| Land Management |  | - |  | 0.1 |  | - |  | 0.1 |
| Total restucturing charges | $s$ | 4.0 | s | 9.0 | s | 12.7 | \$ | 26.9 |
| Acquisition-related costs: |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | s | 0.5 | $s$ | 0.1 | s | 0.5 | \$ | 0.2 |
| Paper Packaging \& Services |  | 0.2 |  | - |  | 0.2 |  |  |
| Total acquisition-related costs | s | 0.7 | s | 0.1 | 5 | 0.7 | \$ | 0.2 |
| Non-cash asset impairment charges: |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | s | 14.9 | s | 3.5 | s | 20.5 | \$ | 43.3 |
| Paper Packaging \& Services |  | - |  | - |  | - |  | 1.5 |
| Flexible Products \& Services |  | - |  | 3.0 |  | 0.3 |  | 6.6 |
| Total non-cash asset impairment charges | $s$ | 14.9 | s | 6.5 | s | 20.8 | s | 51.4 |
| Non-cash pension settlement charge: |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | s | 1.4 | s | - | s | 16.7 | s | - |
| Paper Packaging \& Services |  | 0.1 |  | - |  | 10.2 |  |  |
| Flexible Products \& Services |  | - |  | - |  | 0.1 |  | - |
| Land Management |  | - |  | - |  | 0.1 |  |  |
| (Gain) loss on disposal of properties, plants, equipment and businesses, net: |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | s | 7.6 | s | 18.5 | s | 4.1 | s | 7.3 |
| Paper Packaging \& Services |  | - |  | - |  | 0.1 |  | (0.4) |
| Flexible Products \& Services |  | (0.1) |  | - |  | (0.4) |  | (1.0) |
| Land Management |  | (0.1) |  | (0.7) |  | (2.5) |  | (1.7) |
| Total loss on disposal of properties, plants, equipment and businesses, net | $s$ | 7.4 | s | 17.8 | s | 1.3 | s | 4.2 |
| Operating profit (loss) before special items: |  |  |  |  |  |  |  |  |
| Rigid Industial Packaging \& Services | s | 52.5 | s | 60.4 | s | 226.4 | \$ | 213.7 |
| Paper Packaging \& Services |  | 34.0 |  | 25.1 |  | 94.1 |  | 91.7 |
| Flexible Products \& Services |  | 0.6 |  | 0.1 |  | 6.9 |  | (3.6) |
| Land Management |  | 1.8 |  | 1.4 |  | 7.6 |  | 6.5 |
| Total operating profit before special items | $s$ | 88.9 | s | 87.0 | s | 335.0 | s | 308.3 |


|  | Three monts ended October 31, |  |  |  | Twerve montas ended October 3, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2016 |  | 2015 |  | 2016 |  | 2015 |  |
| Operating profit (loss): |  |  |  |  |  |  |  |  |
| Rigid Industial Packaging \& Serrices | s | 30.5 | s | 10.9 | \$ | 143.9 | s | 86.4 |
| Paper Packaging \& Services |  | 24.7 |  | 32.6 |  | 89.1 |  | 1093 |
| Flexible Products \& Services |  | (3.6) |  | (12.8) |  | (15.5) |  | (36.) |
| Land Management |  | 2.0 |  | 1.4 |  | 8.1 |  | 33.7 |
| Total operating profit |  | 53.6 |  | 32.1 |  | 225.6 |  | 192.8 |
| Restructuring charges: |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Serrices |  | 7.8 |  | 9.2 |  | 19.0 |  | 29.6 |
| Paper Packaging \& Services |  | 0.4 |  | 1.2 |  | 1.5 |  | 2.2 |
| Flexible Products \& Serices |  | 0.7 |  | 2.8 |  | 6.3 |  | 8.1 |
| Land Management |  | 0.1 |  | 0.1 |  | 0.1 |  | 0.1 |
| Total restructuring charges |  | 9.0 |  | 13.3 |  | 26.9 |  | 40.0 |
| Acquisition-related costs: |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services |  | 0.1 |  | - |  | 0.2 |  | 0.3 |
| Total a cquisition-related costs |  | 0.1 |  | - |  | 0.2 |  | 0.3 |
| Timberland gains: |  |  |  |  |  |  |  |  |
| Land Management |  | - |  | - |  | - |  | (24.3) |
| Total timberland gains |  | - |  | - |  | - |  | (24.3) |
| Non-cash asset impairment charges: |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services |  | 3.5 |  | 22.1 |  | 43.3 |  | 43.4 |
| Paper Packaging \& Serrices |  | - |  | - |  | 1.5 |  | 0.8 |
| Flexible Products \& Services |  | 3.0 |  | 1.5 |  | 6.6 |  | 1.7 |
| Total non-cash asset impaiment charges |  | 6.5 |  | 23.6 |  | 51.4 |  | 45.9 |
| (Gain) loss on disposal of properties, plants, equipment and businesses, net: |  |  |  |  |  |  |  |  |
| Rigid Industial Packaging \& Serrices |  | 18.5 |  | 0.3 |  | 7.3 |  | 2.7 |
| Paper Packaging \& Services |  | - |  | (0.5) |  | (0.4) |  | (0.5) |
| Flexible Products \& Services |  | - |  | 3.2 |  | (1.0) |  | 2.7 |
| Land Management |  | (0.7) |  | - |  | (1.7) |  | (2.7) |
| Total loss on disposal of properties, plants, equipment and businesses, net |  | 17.8 |  | 3.0 |  | 4.2 |  | 2.2 |
| Impact of Venezuela devaluation of inventory on cost of products sold |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services |  | - |  | - |  | - |  | 9.3 |
| Total Impact of Venezuela devaluation of inventory on cost of products sold |  | - |  | - |  | - |  | 9.3 |
| Operating profit (loss) before special items: |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Serrices |  | 60.4 |  | 42.5 |  | 21.7 |  | 171.7 |
| Paper Packaging \& Services |  | 25.1 |  | 33.3 |  | 91.7 |  | 111.8 |
| Flexible Products \& Services |  | 0.1 |  | (5.3) |  | (3.6) |  | (24.1) |
| Land Management |  | 1.4 |  | 1.5 |  | 6.5 |  | 6.8 |
| Total operating profit before special items | s | 87.0 | s | 72.0 | \$ | 308.3 | s | 266.2 |

## GAAP to Non-GAAP Reconciliation:

Net Income and Class A Earnings Per Share Excluding Special Items - various time periods \$Millions and \$/sh

|  | Income beforeIncomeExpeExpense andEquityEarnings ofUnconsolidatedAffiliates, net |  | Income Tax Expense(Benefit) |  |  |  | $\begin{gathered} \text { Non- } \\ \text { Controlling } \\ \text { Interest } \end{gathered}$ |  | $\begin{aligned} & \text { Net Income } \\ & \text { Attributable } \\ & \text { to Greif, Inc. } \end{aligned}$ |  | Diluted Class AEarnings ser Share |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Three montlis ended October 31, 2017 | \$ | 43.2 | s | 5.2 | S | (1.7) |  | 6.4 | S | 33.3 | \$ | 0.57 |
| Loss on disposal of properties, plants, equipment and businesses, net |  | 7.4 |  | 1.5 |  | - |  | (0.1) |  | 6.0 |  | 0.10 |
| Restructuring charges |  | 4.0 |  | 0.1 |  | - |  | 0.2 |  | 3.7 |  | 0.06 |
| Non-cash asset impaiment charges |  | 14.9 |  | 0.1 |  | - |  | - |  | 14.8 |  | 0.25 |
| Acquisition-related costs |  | 0.7 |  | 0.2 |  | - |  | - |  | 0.5 |  | 0.01 |
| Non-cash pension settlement charge |  | 1.5 |  | 2.0 |  | - |  | - |  | (0.5) |  | (0.01) |
| Excluding Special Items | \$ | 71.7 | s | 9.1 | s | (1.7) | s | 6.5 | s | 57.8 | \$ | 0.98 |
| Three months ended October 31, 2016 | \$ | 34.8 | s | 28.3 | s | - | s | (2.0) | s | 8.5 | \$ | 0.14 |
| Loss on disposal of properties, plants, equipment and businesses, net |  | 17.8 |  | 0.5 |  | - |  | - |  | 17.3 |  | 0.29 |
| Restructuring charges |  | 9.0 |  | 1.3 |  | - |  | 0.3 |  | 7.4 |  | 0.13 |
| Non-cash asset impaiment charges |  | 6.5 |  | (0.7) |  | - |  | 1.9 |  | 5.3 |  | 0.09 |
| Acquisition-related costs |  | 0.1 |  | 0.1 |  | - |  | - |  | - |  | - |
| Excluding Special Items | \$ | 68.2 | s | 29.5 | s | - | s | 0.2 | s | 38.5 | \$ | 0.65 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Twelve months ended October 31, 2017 | \$ | 200.3 | s | 67.2 | \$ | (2.0) | s | 16.5 | s | 118.6 | \$ | 2.02 |
| Loss on disposal of properties, plants, equipment and businesses, net |  | 1.3 |  | (0.7) |  | - |  | (0.2) |  | 2.2 |  | 0.04 |
| Restructuring charges |  | 12.7 |  | (2.2) |  | - |  | 0.6 |  | 14.3 |  | 0.24 |
| Non-cash asset impaiment charges |  | 20.8 |  | 0.1 |  | - |  | 0.1 |  | 20.6 |  | 0.3 |
| Acquisition-related costs |  | 0.7 |  | 0.2 |  | - |  | - |  | 0.5 |  | 0.01 |
| Non-cash pension settlement charge |  | 27.1 |  | 10.2 |  | - |  | - |  | 16.9 |  | 0.29 |
| Excluding Special Items | \$ | 262.9 | s | 74.8 | s | (2.0) | s | 17.0 | s | 173.1 | \$ | 2.95 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Twelve months ended October 31, 2016 | \$ | 141.2 | s | 66.5 | \$ | (0.8) | s | 0.6 | s | 74.9 | \$ | 1.28 |
| Loss on disposal of properties, plants, equipment and businesses, net |  | 4.2 |  | (2.1) |  | - |  | (0.7) |  | 7.0 |  | 0.12 |
| Restructuring charges |  | 26.9 |  | 4.9 |  | - |  | 2.9 |  | 19.1 |  | 0.33 |
| Non-cash asset impaiment charges |  | 51.4 |  | 5.2 |  | - |  | 3.8 |  | 42.4 |  | 0.71 |
| Acquisition-related costs |  | 0.2 |  | 0.1 |  | - |  | - |  | 0.1 |  | - |
| Excluding Special Items | \$ | 223.9 |  | 74.6 | s | (0.8) |  | 6.6 | s | 143.5 | \$ | 2.44 |


| Three months ended October 31, 2016 |  |  | Class A |  |
| :---: | :---: | :---: | :---: | :---: |
| Net Income Attributable to Greif, Inc. | \$ | 8.5 | \$ | 0.14 |
| Plus: Loss on disposal of properties, plants, equipment and businesses, net |  | 17.3 |  | 0.29 |
| Plus: Restructuring charges |  | 7.4 |  | 0.13 |
| Plus: Non-cash asset impairment charges |  | 5.3 |  | 0.09 |
| Plus: Acquisition-related costs |  | - |  | - |
| Net Income Attributable to Greif, Inc. Excluding Special Items | \$ | 38.5 | \$ | 0.65 |
|  |  |  |  |  |
| Three months ended October 31, 2015 |  |  |  |  |
| Net Income Attributable to Greif, Inc. | \$ | 12.4 | \$ | 0.21 |
| Plus: Loss on disposal of properties, plants, equipment and businesses, net |  | 1.7 |  | 0.03 |
| Plus: Restructuring charges |  | 9.5 |  | 0.16 |
| Plus: Non-cash asset impairment charges |  | 21.1 |  | 0.36 |
| Net Income Attributable to Greif, Inc. Excluding Special Items | \$ | 44.7 | \$ | 0.76 |
|  |  |  |  |  |
| Twelve months ended October 31, 2016 |  |  |  |  |
| Net Income Attributable to Greif, Inc. | \$ | 74.9 | \$ | 1.28 |
| Plus: Loss on disposal of properties, plants, equipment and businesses, net |  | 7.0 |  | 0.12 |
| Plus: Restructuring charges |  | 19.1 |  | 0.33 |
| Plus: Non-cash asset impairment charges |  | 42.4 |  | 0.71 |
| Plus: Acquisition-related costs |  | 0.1 |  | - |
| Net Income Attributable to Greif, Inc. Excluding Special Items | s | 143.5 | \$ | 2.44 |
|  |  |  |  |  |
| Twelve months ended October 31, 2015 |  |  | Class A |  |
| Net Income Attributable to Greif, Inc. | \$ | 71.9 | \$ | 1.23 |
| Less: Gain on disposal of properties, plants, equipment and businesses, net |  | (2.8) |  | (0.05) |
| Less: Timberland Gains |  | (14.9) |  | (0.25) |
| Less: Venezuela devaluation on other income/expense |  | (4.9) |  | (0.08) |
| Plus: Restructuring charges |  | 28.2 |  | 0.48 |
| Plus: Non-cash asset impairment charges |  | 40.7 |  | 0.69 |
| Plus: Acquisition-related costs |  | 0.2 |  | - |
| Plus: Venezuela devaluation of inventory on cost of products sold |  | 9.3 |  | 0.16 |
| Net Income Attributable to Greif, Inc. Excluding Special Items | \$ | 127.7 | \$ | 2.18 |

# GAAP to Non-GAAP Reconciliation: 

Reconciliation of Selected Financial Information Excluding the Impact of Divestitures

| (in millions) | Three months ended October 31, |  |  |  |  |  | Twelve months ended October 31, |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | Impact of Divestitures |  | Ercluding the Impact of Divestiture |  | 2017 |  | Impact of Divestitures |  | $\begin{aligned} & \text { Excluding the } \\ & \text { Impact of } \\ & \text { Divestitures } \end{aligned}$ |  |
| Net Sales: |  |  |  |  |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | \$ | 662.5 | \$ | - | s | 662.5 | \$ | 2,522.7 | \$ | 1.8 | \$ | 2,520.9 |
| Paper Packaging \& Services |  | 223.0 |  | - |  | 223.0 |  | 800.9 |  | - |  | 800.9 |
| Flexible Products \& Services |  | 76.2 |  | - |  | 76.2 |  | 286.4 |  | - |  | 286.4 |
| Land Management |  | 6.4 |  | - |  | 6.4 |  | 28.2 |  | - |  | 28.2 |
| Consolidated | \$ | 968.1 | \$ | - | \$ | 968.1 | S | 3,638.2 | \$ | 1.8 | \$ | 3,636.4 |
| Gross Profit: |  |  |  |  |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | \$ | 118.9 | S | (0.4) | s | 119.3 | \$ | 502.2 | \$ | (0.1) | \$ | 502.3 |
| Paper Packaging \& Services |  | 49.0 |  | - |  | 49.0 |  | 150.9 |  | - |  | 150.9 |
| Flexible Products \& Services |  | 12.0 |  | - |  | 12.0 |  | 51.1 |  | - |  | 51.1 |
| Land Management |  | 2.5 |  | - |  | 2.5 |  | 10.5 |  | - |  | 10.5 |
| Consolidated | S | 182.4 | s | (0.4) | s | 182.8 | s | 714.7 | \$ | (0.1) | \$ | 714.8 |
| Operating Profit: |  |  |  |  |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | § | 24.5 | \$ | (0.6) | \$ | 25.1 | S | 173.4 | \$ | (0.5) | \$ | 173.9 |
| Paper Packaging \& Services |  | 33.7 |  | - |  | 33.7 |  | 83.3 |  | - |  | 83.3 |
| Flexible Products \& Services |  | 0.3 |  | - |  | 0.3 |  | 5.7 |  | - |  | 5.7 |
| Land Management |  | 1.9 |  | - |  | 1.9 |  | 10.0 |  | - |  | 10.0 |
| Consolidated | \$ | 60.4 | \$ | (0.6) | S | 61.0 | S | 272.4 | \$ | (0.5) | \$ | 272.9 |
| Operating profit before special items ${ }^{(10)}$ : |  |  |  |  |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | s | 52.5 | \$ | (0.5) | s | 53.0 | S | 226.4 | \$ | (0.5) | \$ | 226.9 |
| Paper Packaging \& Services |  | 34.0 |  | - |  | 34.0 |  | 94.1 |  | - |  | 94.1 |
| Flexible Products \& Services |  | 0.6 |  | - |  | 0.6 |  | 6.9 |  | - |  | 6.9 |
| Land Management |  | 1.8 |  | - |  | 1.8 |  | 7.6 |  | - |  | 7.6 |
| Consolidated | 5 | 88.9 | 5 | (0.5) | S | 89.4 | 5 | 335.0 | \$ | (0.5) | \$ | 335.5 |

## GAAP to Non-GAAP Reconciliation:

Reconciliation of Selected Financial Information Excluding the Impact of Divestitures Continued

| (in millions) | Three months ended October 31, |  |  |  |  |  | Twelve months ended October 31, |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2016 |  | Impact of Divestitures |  | Excluding the Impact of Divestitures |  | 2016 |  | Impact of Divestitures |  | Excluding the Impact of Divestitures |  |
| Net Sales: |  |  |  |  |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | \$ | 602.9 | \$ | 2.5 | \$ | 600.4 | S | 2,324.2 | \$ | 62.4 | \$ | 2,261.8 |
| Paper Packaging \& Services |  | 189.0 |  | - |  | 189.0 |  | 687.1 |  | - |  | 687.1 |
| Flexible Products \& Services |  | 69.1 |  | - |  | 69.1 |  | 288.1 |  | 6.5 |  | 281.6 |
| Land Management |  | 6.6 |  | - |  | 6.6 |  | 24.2 |  | - |  | 24.2 |
| Consolidated | \$ | 867.6 | \$ | 2.5 | \$ | 865.1 | S | 3,323.6 | S | 68.9 | S | 3,254.7 |
| Gross Profit: |  |  |  |  |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | \$ | 130.9 | \$ | 0.3 | \$ | 130.6 | S | 489.4 | S | 5.3 | \$ | 484.1 |
| Paper Packaging \& Services |  | 39.0 |  | - |  | 39.0 |  | 144.5 |  | - |  | 144.5 |
| Flexible Products \& Services |  | 11.7 |  | - |  | 11.7 |  | 42.0 |  | 1.1 |  | 40.9 |
| Land Management |  | 1.8 |  | - |  | 1.8 |  | 9.0 |  | - |  | 9.0 |
| Consolidated | \$ | 183.4 | \$ | 0.3 | \$ | 183.1 | S | 684.9 | S | 6.4 | s | 678.5 |
| Operating Profit (loss): |  |  |  |  |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | \$ | 30.5 | \$ | (0.4) | \$ | 30.9 | S | 143.9 | \$ | (19.2) | s | 163.1 |
| Paper Packaging \& Services |  | 24.7 |  | - |  | 24.7 |  | 89.1 |  | - |  | 89.1 |
| Flexible Products \& Services |  | (3.6) |  | - |  | (3.6) |  | (15.5) |  | 0.3 |  | (15.8) |
| Land Management |  | 2.0 |  | - |  | 2.0 |  | 8.1 |  | - |  | 8.1 |
| Consolidated | \$ | 53.6 | \$ | (0.4) | \$ | 54.0 | S | 225.6 | S | (18.9) | S | 244.5 |
| Operating profit (loss) before special items ${ }^{(11)}$ : |  |  |  |  |  |  |  |  |  |  |  |  |
| Rigid Industrial Packaging \& Services | \$ | 60.4 | \$ | 0.1 | \$ | 60.3 | s | 213.7 | \$ | (1.3) | S | 215.0 |
| Paper Packaging \& Services |  | 25.1 |  | - |  | 25.1 |  | 91.7 |  | - |  | 91.7 |
| Flexible Products \& Services |  | 0.1 |  | - |  | 0.1 |  | (3.6) |  | 0.3 |  | (3.9) |
| Land Management |  | 1.4 |  | - |  | 1.4 |  | 6.5 |  | - |  | 6.5 |
| Consolidated | \$ | 87.0 | \$ | 0.1 | \$ | 86.9 | S | 308.3 | S | (1.0) | S | 309.3 |

${ }^{(11)}$ See table contained herein entitled GAAP to Non-GAAP Reconciliation Segment Operating Profit (Loss) Before Special Items for a
reconciliation of each segment's operating profit (loss) before special items.

## GAAP to Non-GAAP Reconciliation:

Reconciliation of Net Sales Excluding the Impact of Divestitures and Currency Translation

| (in millions) | Three months ended October 31, |  |  |  | Increase in Net Sales (\$) |  | $\begin{aligned} & \text { Increase in } \\ & \text { Net Sales (\%) } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |  |  |  |
| Net Sales | \$ | 968.1 | \$ | 867.6 | \$ | 100.5 | 11.6\% |
| Impact of Divestitures |  | - |  | 2.5 |  |  |  |
| Net Sales Excluding the Impact of Divestitures | \$ | 968.1 | \$ | 865.1 |  |  |  |
| Currency Translation |  | 12.2 |  | N/A |  |  |  |
| Net Sales Excluding the Impact of Divestitures and Currency Translation | \$ | 955.9 | \$ | 865.1 | \$ | 90.8 | 10.5\% |
|  |  | ve months | ded | ober 31, |  |  |  |
| (in millions) |  | 017 |  | 016 |  |  | $\begin{gathered} \text { Increase in } \\ \text { Net Sales (\%) } \end{gathered}$ |
| Net Sales | \$ | 3,638.2 | \$ | 3,323.6 | \$ | 314.6 | 9.5\% |
| Impact of Divestitures |  | 1.8 |  | 68.9 |  |  |  |
| Net Sales Excluding the Impact of Divestitures | \$ | 3,636.4 | \$ | 3,254.7 |  |  |  |
| Currency Translation |  | (23.1) |  | N/A |  |  |  |
| Net Sales Excluding the Impact of Divestitures and Currency Translation | \$ | 3,659.5 | \$ | 3,254.7 | \$ | 404.8 | 12.4\% |

## GAAP to Non-GAAP Reconciliation:

Rigid Industrial Packaging \& Services Net Sales to Net Sales Excluding the Impact of Divestitures and Currency Translation \$Millions

| (im millions) | Three months ended October 31, |  |  |  | Increase in Net Sales (\$) |  | Increase in Net Sales (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |  |  |  |
| Net Sales | S | 662.5 | \$ | 602.9 | S | 59.6 | 9.9\% |
| Impact of Divestitures |  | - |  | 2.5 |  |  |  |
| Net Sales Excluding the Impact of Divestitures | S | 662.5 | \$ | 600.4 |  |  |  |
| Currency Translation |  | 9.8 |  | N/A |  |  |  |
| Net Sales Excluding the Impact of Divestitures and Currency Translation | \$ | 652.7 | \$ | 600.4 | \$ | 52.3 | 8.7\% |


| (in millions) | Twelve months ended October 31, |  |  |  | Increase in Net Sales (\$) |  | Increase in Net Sales (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |  |  |  |
| Net Sales | \$ | 2,522.7 | \$ | 2,324.2 | S | 198.5 | 8.5\% |
| Impact of Divestitures |  | 1.8 |  | 62.4 |  |  |  |
| Net Sales Excluding the Impact of Divestitures | \$ | 2,520.9 | \$ | 2,261.8 |  |  |  |
| Currency Translation |  | (16.6) |  | N/A |  |  |  |
| Net Sales Excluding the Impact of Divestitures and Currency Translation | \$ | 2,537.5 | \$ | 2,261.8 | \$ | 275.7 | 12.2\% |

## GAAP to Non-GAAP Reconciliation:

Rigid Industrial Packaging \& Services Primary Products Net Sales to Net Sales Excluding the Impact of Divestitures

| (in millions) | Three months ended October 31, |  |  |  | Increase inPrimary ProductsNet Sales (\$) |  | Increase in Primary Products Net Sales (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |  |  |  |
| Rigid Industrial Packaging \& Services |  |  |  |  |  |  |  |
| Primary Products Net Sales | \$ | 590.6 | \$ | 516.9 |  |  |  |
| Impact of Divestitures |  | - |  | (0.7) |  |  |  |
| Primary Products Net Sales Excluding the Impact of Divestitures | \$ | 590.6 | \$ | 516.2 | \$ | 74.4 | 14.4\% |
|  |  |  |  |  |  |  |  |
| Paper Packaging \& Services |  |  |  |  |  |  |  |
| Primary Products Net Sales | \$ | 222.1 | \$ | 188.3 |  |  |  |
| Impact of Divestitures |  | - |  | - |  |  |  |
| Primary Products Net Sales Excluding the Impact of Divestitures | \$ | 222.1 | \$ | 188.3 | \$ | 33.8 | 18.0\% |
|  |  |  |  |  |  |  |  |
| Flexible Products \& Services |  |  |  |  |  |  |  |
| Primary Products Net Sales | \$ | 69.2 | \$ | 68.1 |  |  |  |
| Impact of Divestitures |  | - |  | - |  |  |  |
| Primary Products Net Sales Excluding the Impact of Divestitures | \$ | 69.2 | \$ | 68.1 | \$ | 1.1 | 1.6\% |
| ${ }^{(12)}$ Primary products are manufactured steel, plastic and fibr corrugated containers; and $1 \& 2$ loop and 4 loop flexible int |  | mediate contain |  | ners; lin |  | um, | ugated sheets and |

Note: Primary products include manufactured steel, plastic and fibre drums; intermediate bulk containers; linerboard, medium, corrugated sheets and corrugated containers; and $1 \& 2$ loop and 4 loop flexible intermediate bulk containers.

## GAAP to Non-GAAP Reconciliation:

Free Cash Flow and projected 2018 Free Cash Flow guidance

| (in millions) | Three months ended October 31, |  |  |  | Twelve months ended October 31, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  | 2017 |  | 2016 |  |
| Net cash provided by operating activities | \$ | 199.9 | \$ | 143.0 | \$ | 305.0 | \$ | 301.0 |
| Cash paid for purchases of properties, plants and equipment |  | (31.7) |  | (28.7) |  | (96.8) |  | (100.1) |
| Free Cash Flow | \$ | 168.2 | \$ | 114.3 | \$ | 208.2 | \$ | 200.9 |

GREIF, INC. AND SUBSIDIARY COMPANIES PROJECTED 2018 GUIDANCE RECONCILIATION

FREE CASH FLOW
UNAUDITED

|  | Fiscal 2018 Forecast Range |  |  |
| :--- | :---: | :---: | ---: |
| (in millions) | Scenario 1 |  | Scenario 2 |
| Net cash provided by operating activities | $\$$ | 300.0 | $\$$ |
| Cash paid for purchases of properties, plants and equipment |  | $(100.0)$ | $(120.0)$ |
|  | $\$ 200.0$ | $\$$ | 220.0 |

Note: Free cash flow is defined as net cash provided by operating activities less cash paid for purchases of properties, plants and equipmen

 information not being ascertainable or accessible, we are unable to quantify certain amounts that would be required to be included in the most directly comparable GAAP financial measure without unreasonable efforts.

## GAAP to Non-GAAP Reconciliation:

Consolidated Operating Profit (Loss) Before Special Items for FY 2015, FY 2016, and FY 2017 \$Millions

|  | Fiscal Year |  | Fiscal Year |  | Fiscal Year |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2015 |  | 2016 |  | 2017 |
| Operating profit | \$ | 192.8 | \$ | 225.6 | \$ | 272.4 |
| Restructuring charges |  | 40.0 |  | 26.9 |  | 12.7 |
| Acquisition related costs |  | 0.3 |  | 0.2 |  | 0.7 |
| Non cash asset impairment charges |  | 45.9 |  | 51.4 |  | 20.8 |
| Timberland gains |  | (24.3) |  | - |  | - |
| (Gain) loss on disposal of properties, plants and equipment and businesses, net |  | 2.2 |  | 4.2 |  | 1.3 |
| Impact of Venezuela devaluation on cost of products sold |  | 9.3 |  | - |  | - |
| Operating profit before special items | \$ | 266.2 | \$ | 308.3 | \$ | 335.0 |

## GAAP to Non-GAAP Reconciliation:

FPS Adjusted Gross Profit Reconciliation:

Flexible Products \& Services

| Three months ended October 31, 2017 |  |  | Net Sales |  | Gross Profit Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Profit | \$ | 12.0 | \$ | 76.2 | 15.7\% |
| Legacy Claims |  | 2.7 |  |  |  |
| Adjusted Gross Profit | \$ | 14.7 |  | 76.2 | 19.3\% |

## Net debt to trailing four quarter EBITDA BSI reconciliation

|  | Q1 2015 | Q2 2015 | Q3 2015 | Q4 2015 | Q1 2016 | Q2 2016 | Q3 2016 | Q4 2016 | Q1 2017 | Q2 2017 | Q3 2017 | Q4 17 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Short Term Borrowings |  |  |  | 40.7 | 44.1 | 59.4 | 55.2 | 51.6 | 38.9 | 35.5 | 18.3 | 14.5 |
| Current Portion of Long-term Debt |  |  |  | 30.7 | 22.2 | 317.7 | 300.3 | - | - | 15.0 | 16.3 | 15.0 |
| Long Term Debt |  |  |  | 1,116.2 | 1,112.1 | 777.0 | 758.6 | 974.6 | 1,074.8 | 1,033.6 | 1,033.7 | 937.8 |
| TOTAL DEBT |  |  |  | 1,187.6 | 1178.4 | 1154.1 | 1114.1 | 1026.2 | 1113.7 | 1084.1 | 1068.3 | 967.3 |
| Less: Cash and Cash Equivalents |  |  |  | 106.2 | 65.3 | 89.6 | 94.3 | 103.7 | 106.8 | 87.0 | 94.6 | 142.3 |
| NET DEBT |  |  |  | 1,081.4 | 1,113.1 | 1,064.5 | 1,019.8 | 922.5 | 1,006.9 | 997.1 | 973.7 | 825.0 |
| Operating Profit | 65.4 | 51.1 | 44.2 | 32.1 | 17.6 | 82.8 | 71.6 | 53.6 | 42.1 | 80.4 | 89.5 | 60.4 |
| Less: Other (income) expense, net | 0.1 | 2.5 | (1.6) | 2.2 | 3.0 | 1.7 | 2.7 | 1.6 | 3.6 | 3.2 | 1.4 | 3.8 |
| Less: Equity (earnings) losses of unconsolidated affiliates, net of tax | 0.0 | 0.3 | (0.6) | (0.5) | 0.0 | 0.0 | (0.8) | 0.0 | 0.0 | 0.0 | (0.3) | (1.7) |
| Plus: Depreciation, depletion and amortization expense | 34.6 | 34.7 | 31.6 | 33.7 | 32.3 | 32.0 | 31.5 | 31.9 | 30.7 | 31.0 | 27.7 | 31.1 |
| EBITDA | 99.9 | 83.0 | 78.0 | 64.1 | 46.9 | 113.1 | 101.2 | 83.9 | 69.2 | 108.2 | 116.1 | 89.4 |
| Restructuring charges | 3.2 | 7.3 | 16.2 | 13.3 | 2.3 | 5.4 | 10.2 | 9.0 | (0.3) | 5.1 | 3.9 | 4.0 |
| Acquisition-related costs | 0.2 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.7 |
| Non-cash asset impairment charges | 0.2 | 4.5 | 17.6 | 23.6 | 39.1 | 1.7 | 4.1 | 6.5 | 1.9 | 2.0 | 2.0 | 14.9 |
| Non-cash pension settlement charge | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.5 | 1.1 | 1.0 | 1.5 |
| (Gain) loss on disposal properties, plants equipment, and businesses, | (2.4) | 9.7 | (8.1) | 3.0 | (0.9) | (10.7) | (2.0) | 17.8 | (0.5) | (3.7) | (1.9) | 7.4 |
| Impact of Venezuela devaluation of inventory on cost of products sold | 0.0 | 0.0 | 9.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Venezuela devaluation other (income) | 0.0 | 0.0 | (4.9) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Timberland gains | (24.3) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EBITDA BSI | 76.8 | 104.5 | 108.2 | 104.0 | 87.4 | 109.6 | 113.5 | 117.3 | 93.8 | 112.7 | 121.1 | 117.9 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| DEBT RATIO CALCULATION |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Q4-15 | Q1-16 | Q2-16 | Q3-16 | Q4-16 | Q1-17 | Q2-17 | Q3-17 | Q4-17 |
| Trailing 4 Qtr EBITDA BSI |  |  |  | 393.5 | 404.1 | 409.2 | 414.5 | 427.8 | 434.2 | 437.3 | 444.9 | 445.5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Short Term Borrowings |  |  |  | 40.7 | 44.1 | 59.4 | 55.2 | 51.6 | 38.9 | 35.5 | 18.3 | 14.5 |
| Current Portion of Long-term Debt |  |  |  | 30.7 | 22.2 | 317.7 | 300.3 | - | - | 15.0 | 16.3 | 15.0 |
| Long Term Debt |  |  |  | 1,116.2 | 1,112.1 | 777.0 | 758.6 | 974.6 | 1,074.8 | 1,033.6 | 1,033.7 | 937.8 |
| TOTAL DEBT |  |  |  | 1,187.6 | 1,178.4 | 1,154.1 | 1,114.1 | 1,026.2 | 1,113.7 | 1,084.1 | 1,068.3 | 967.3 |
| EBITDA BSI MULTIPLE |  |  |  | 3.02x | 2.92x | 2.82x | 2.69x | 2.40x | 2.56x | 2.48x | 2.40x | 2.17x |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cash and Cash Equivalents |  |  |  | (106.2) | (65.3) | (89.6) | (94.3) | (103.7) | (106.8) | (87.0) | (94.6) | (142.3) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| NET DEBT |  |  |  | 1,081.4 | 1,113.1 | 1,064.5 | 1,019.8 | 922.5 | 1,006.9 | 997.1 | 973.7 | 825.0 |
| EBITDA BSI MULTIPLE |  |  |  | 2.75x | 2.75x | 2.60x | 2.46x | 2.16x | 2.32x | 2.28x | 2.19x | 1.85x |


[^0]:    ${ }^{1}$ A summary of all special items that are included in the operating profit before special items is set forth in the appendix of this presentation.

