

Analyst: Sung Nam

L.B. Foster Corp (FSTR)

Market Price:	\$28.17	EBITDA/Share:	\$4.74	Net Asset/Share:	\$16.53
DCF: EV/EBITDA Terminal Value	2.227%	DCF: Net Tangible Asset excluding Cash/Debt Terminal Value	-2.722%		
Current Net Tangible Asset	8.395%	EVA Analysis:	4.919%		

Overview

We love industrial companies. They create products for the users, which are tangible. The company manufactures an array of steel related products, namely rails for the railroad industry.

Dividend?

Dividend yield is negligible.

Cashflow Generation

Cashflows are \$30 MM from operating cashflow. 4% EBITA margin. Capex is \$7 MM. The company has zero financing debt.

Profitability

ROA is a respectable 5.4%, and ROC is 7.9%.

LBO?

We don't believe a 80% debt/20% equity would be sustainable. Therefore, we will not project a LBO scenario.

Price

We are forecasting a \$36.62/share in Year 5, or a 30% holding return, or 5.4% annual return.

Thus, the 1 year forecasted price is \$29.70.

L.B. Foster Company (Foster) is a manufacturer, fabricator and distributor of products and services for the rail, construction, energy and utility markets. Foster operates in three s: Rail products, Construction products, and Tubular products. For rail markets, the Company provides a new and used rail, trackwork, and accessories to railroads, mines and industry. It also designs and produces concrete railroad ties, insulated rail joints, power rail, track fasteners, coverboards and special accessories for mass transit and other rail systems worldwide. For the construction industry, it sells steel sheet piling, H-bearing piling, pipe piling and provides rental sheet piling for foundation requirements. It also supplies precast concrete buildings, fabricated structural steel, bridge decking, bridge railing, expansion joints and other products for highway construction and repair. For tubular markets, it supplies pipe coatings for natural gas pipelines and utilities.

Company Name:
Ticker Symbol:
Last Price:
Net Cash/Share:
Net Cash to Last Price:
Shares Outstanding:
Industry:
Sector:

L.B. Foster Co
 FSTR
\$28.17
 \$6.96
 24.70%
 10,060,000
 Industrial Distribution
 Industrials

Technicals

Institutional Ownership:
 Mutual Fund Ownership:
 Insider Ownership:
 Retail Ownership:
 Float:

78.62%
 0.56%
 3.02%
 14.78%
 96.98%

52 week low:
 Today from 52 week low:
 52 week high:
 Today from 52 week high:
 50 day Moving Average:
 200 day Moving Average:

\$16.48
 70.93%
 \$44.06
 56.41%
 \$25.71
 \$31.84

Analyst/Consensus

Analyst Sales Growth FY1:
 Analyst Sales Growth FY2:
 SN Valuation Estimate FY1:
 SN Valuation Estimate FY2:
 Analyst Earnings Estimate FY1:
 Analyst Earnings Estimate FY2:
 SN Valuation Earnings Est. FY1:
 SN Valuation Earnings Est. FY2:

26.50%
 -0.70%
 10.00%
 8.00%
 \$2.29
 \$2.77
 \$1.56
 \$1.69

Multiples

Market Value to Book:
 EV to Book:
 P/E Ratio:
 Trailing P/E Ratio:
 Forward P/E Ratio:
 Beta:
 Dividend:
 Dividend Yield:
 Dividend Date:
 Ex-Dividend Date:

1.11
 0.83
 12.30
 12.69
 10.17
 1.24
 0.1
 0.25%
 Dec 22, 2011
 Dec 7, 2011

Competitors

Average EV to EBITDA:
 Company EV to EBITDA:
 Average EV to EBIT:
 Company EV to EBIT:

N/A
 4.47
 N/A
 6.52

Market Capitalization:
 Total Debt:
 Total Cash:
 Net Cash/(Debt):
 Enterprise Value:
 Current EV/Share:
 EBITDA:
 EV/EBITDA Multiple:

\$283,330,000.00
 \$4,800,000.00
 \$74,800,000.00
 \$70,000,000.00
 \$213,330,000.00
 \$21.21
 \$47,720,000.00
 4.47

Upper Range

DCF: EV/EBITDA Terminal Value

Implied TV from 5 X EV/EBITDA Multiple

Enterprise Value
 Cash at Year 5:
 Debt at Year 5:
 Equity Value Year 5:
Equity/Share at Year 5:
 Annualized Return:

\$137,516,262.23
 \$183,663,204.43
 \$4,800,000.00
 \$316,379,466.66
\$31.45
 2.23%

Lower Range

DCF: Net Tangible Asset excluding Cash/Debt Terminal Value

Year 5 Net Tangible Assets excluding cash and debt

Enterprise Value
 Cash at Year 5:
 Debt at Year 5:
 Equity Value Year 5:
Equity/Share at Year 5:
 Annualized Return:

\$67,999,421.98
 \$67,999,421.98
 \$183,663,204.43
 \$4,800,000.00
 \$246,862,626.42
\$24.54
 -2.72%

EVA

EVA today:
 EVA in 5 Years:
 EVA/Share:
 Cash at Year 5:
 Debt at Year 5:
 Equity Value Year 5:
Equity/Share at Year 5:

\$283,232,206.29
 \$360,091,283.68
 \$35.79
 \$183,663,204.43
 \$4,800,000.00
 \$538,954,488.11
\$53.57

Annualized return

4.92%

Current Net Tangible Asset

Net Tangible Asset/Share:
Net Tangible Asset/Share in Year 5:
 Annualized return

\$16.53
\$24.74
 8.40%

Current Equity Price:
 Selling at Discount?
 Appreciation Potential:

\$28.17
 Premium
 -41.32%

Dividend Model

Next Year Dividend
Required Rate of Return:
 Dividend:
 Net Income:
 Retention Ratio:
 Return on Equity:
Dividend Growth Rate:
Stock Value:

\$1,063,077.31
20.00%
 \$1,006,000.00
 \$23,030,000.00
 95.63%
 8.01%
7.66%
\$0.87

Income Statement

Revenue:
 Cost of Goods Sold:
 Gross Profit:
 EBITDA:
 Net Income:

\$601,490,000.00
 \$526,910,000.00
 \$74,580,000.00
 \$47,720,000.00
 \$23,030,000.00

Balance Sheet

Cash:
 Short Term Investment:
 A/R:
 PP&E:
 Assets:

\$74,800,000.00
 \$0.00
 \$66,910,000.00
 \$119,740,000.00
 \$378,720,000.00

A/P:
 Deferred Tax:
 Other Liabilities:
 Short term Debt:
 Long Term Debt:
 Liabilities:

\$45,530,000.00
 \$11,860,000.00
 \$60,780,000.00
 \$2,400,000.00
 \$2,400,000.00
 \$122,970,000.00

Retained Earnings:
 Paid-In Capital:
 Treasury Stock:
 Stockholder's Equity:

\$233,280,000.00
 \$47,290,000.00
 -\$23,860,000.00
 \$255,750,000.00

Cash Flow

Net Income:
 Depreciation/Amortization:
 Change in Working Capital:
 Cash from Operating Activities:

20,490,000.00
 9,490,000.00
 28,730,000.00
 59,480,000.00

Capital Expenditures:
 Cash from Investing Activities:
 Total Cash Dividends Paid:
 Issuance (Retirement) of Stock:
 Issuance (Retirement) of Debt:
 Cash from Financing Activities:

-6,160,000.00
 -87,590,000.00
 0.00
 430,000.00
 -23,380,000.00
 -21,990,000.00

Profitability Margins

Debt to Equity:
 Return on Assets:
 Return on Capital:
 Return on Equity:

1.88%
 5.41%
 7.86%
 8.01%

SN VALUATION

LBO Analysis

WACC Terminal Value: **\$31.45**
 EV/EBITDA with 5X Multiple Terminal Value: **\$24.54**
 Net Tangible Asset Terminal Value: **\$36.92**
 EV/EBITDA with Today's Multiple Terminal Value: **\$53.57**
EVA Enterprise Value: N/A
Dividend Discount Model: N/A
Average: **\$36.62**

Intrinsic Price in 5 Years:

Market Price:	36.62
LBO Price:	28.17
Premium to Market Price:	0.00%
LBO Price/Intrinsic Price Target:	5.39%
LBO Price/EV/EBIT Exit Price:	5.56%
Implied IRR at today's EV/EBIT:	5.56%

Implied IRR (Market Price): 5.39%

Non-LBO Forecast

Year 1 Target	29.69
Year 2 Target	31.29
Year 3 Target	32.97
Year 4 Target	34.75
Year 5 Target	36.62

Non-LBO Forecast

Desired Return Rate	20.00%
Implied Today's Price	14.72
Overvalued/(Undervalued)	91.41%

Current Evaluation		Exit Evaluation				
LBO Price:	28.17	Exit Price:	36.62	36.62	36.92	36.92
Outstanding Shares:	10,060,000	Outstanding Shares:	10,060,000	10,060,000	10,060,000	10,060,000
Market Capitalization:	283,390,200	Market Capitalization:	368,398,138	371,995,972	371,995,972	371,995,972
Available Cash:	74,800,000	Available Cash:	183,673,204	183,673,204	183,673,204	183,673,204
Debt:	4,800,000	Debt:	4,800,000	4,800,000	4,800,000	4,800,000
Net Cash:	70,000,000	Net Cash:	178,873,204	178,873,204	178,873,204	178,873,204
Enterprise Value:	213,390,200	Enterprise Value:	189,524,984	192,522,767	192,522,767	192,522,767
Original EV/EBIT:	6.52	EV/EBIT at 5 Years:	6.89	7.00	7.00	7.00
Original EV/EBITDA:	4.47	EV/EBITDA at 5 Years:	5.89	4.73	4.73	4.73
Competitor Average EV/EBIT:	N/A					
Competitor Average EV/EBITDA:	N/A					

Time Period	Enterprise Valuation Calculation During Holding Period				
	0	1	2	3	4
Annualized Price Targets based off LBO Price:	28.17	23.76	25.04	26.39	27.81
Shares Outstanding:	10,060,000	10,060,000	10,060,000	10,060,000	10,060,000
Market Capitalization:	283,390,200	239,034,689	251,911,185	265,481,321	279,782,464
Available Cash:	74,800,000	92,711,047	112,642,740	134,872,887	158,507,829
Debt:	4,800,000	4,800,000	4,800,000	4,800,000	4,800,000
Net Cash:	70,000,000	87,911,047	107,842,740	130,072,887	153,707,829
Enterprise Value:	213,390,200	151,123,642	144,068,445	135,408,434	126,074,634
EBIT:	24,060,000	21,522,652	23,253,405	24,668,126	26,147,744
EV/EBIT:	8.87	7.02	6.20	5.49	4.82
EBITDA:	33,550,000	31,636,642	34,176,515	36,899,385	38,748,066
EV/EBITDA:	6.36	4.78	4.22	3.67	3.25

Time Period	Enterprise Valuation Calculation During Holding Period				
	0	1	2	3	4
Annualized Price Targets based off LBO Price:	28.17	22.68	25.79	28.91	32.22
Shares Outstanding:	10,060,000	10,060,000	10,060,000	10,060,000	10,060,000
Market Capitalization:	283,390,200	228,189,698	259,401,959	290,852,863	324,131,543
Available Cash:	74,800,000	92,711,047	112,642,740	134,872,887	158,507,829
Debt:	4,800,000	4,800,000	4,800,000	4,800,000	4,800,000
Net Cash:	70,000,000	87,911,047	107,842,740	130,072,887	153,707,829
Enterprise Value:	213,390,200	140,278,651	151,559,219	160,779,976	170,423,714
EBIT:	24,060,000	21,522,652	23,253,405	24,668,126	26,147,744
EV/EBIT:	8.87	6.52	6.52	6.52	6.52
EBITDA:	33,550,000	31,636,642	34,176,515	36,899,385	38,748,066
EV/EBITDA:	6.36	4.43	4.43	4.36	4.40

LBO Price	28.17	Equity Partners:	283,390,200	Weighting	100.00%	Annualized Return for Equity Partners:	5.56%
Shares Outstanding	10,060,000	Debt Partners:	0		0.00%		
Market Capitalization	283,390,200	Total Funds for LBO:	283,390,200		100.00%		

Book Value		Enterprise Value		Debt Reduction	
Beginning Book Value	283.39	Beginning Enterprise Value	213.39	Starting Debt	2.40
Year 5 Book Value	368.21	Year 5 Enterprise Value	192.52	Debt Repayment	0.00
Annualized Return	5.38%	Annualized Return	-2.04%	Year 5 Ending Debt	2.40
				% of Starting Debt	100.00%

	Historical			Forecasted					
	12 months ending 2007-12-31	12 months ending 2008-12-31	12 months ending 2009-12-31	12 months ending 2010-12-31	2011	2012	2013	2014	2015
Revenue	508.99	589.24	404.02	475.05	522.56	564.36	609.51	639.98	671.88
COGS (excluding depreciation)	432.60	459.02	344.16	400.47	444.17	479.71	518.08	543.99	571.19
Gross margin	76.38	80.22	59.86	74.58	78.38	84.65	91.43	96.00	100.69
SG&A	37.40	40.97	35.50	42.59	47.03	50.79	54.86	57.60	60.48
R&D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unusual expense	-122.89	-3.51	-1.19	-1.36	0.00	0.00	0.00	0.00	0.00
Other operating expense	0.27	0.16	-0.43	-0.20	0.00	0.00	0.00	0.00	0.00
Depreciation	8.62	8.90	9.72	9.49	10.11	10.92	12.23	12.50	13.16
Operating Income (EBIT)	153.92	157.00	102.66	120.06	132.52	147.98	161.38	168.90	176.10
Interest expense	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gain (loss) on sale of asset	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Income before tax	168.51	168.51	25.48	32.74	21.14	22.87	24.28	25.76	27.12
Tax	57.79	15.53	9.75	12.25	6.34	6.86	7.29	7.73	8.14
Income after tax	110.72	27.75	15.73	20.49	14.80	16.01	17.00	18.03	18.98
Minority Interest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Equity in affiliates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Income	110.72	27.75	15.73	20.49	14.80	16.01	17.00	18.03	18.98
*Figures are in millions (\$)									
Revenue Growth	N/A	5.95%	-25.09%	17.58%	10.00%	8.00%	8.00%	5.00%	5.00%
Tax Rate	34.29%	35.88%	38.27%	37.42%	30.00%	30.00%	30.00%	30.00%	30.00%
Implied Debt Interest Rate	0.00%	0.00%	0.00%	0.00%	-8.00%	-8.00%	-8.00%	-8.00%	-8.00%
Margins									
COGS (excluding depreciation)	84.99%	85.12%	85.18%	84.30%	85.09%	85.09%	85.09%	85.09%	85.09%
Gross Margin	15.01%	14.88%	14.82%	15.70%	15.00%	15.00%	15.00%	15.00%	15.00%
Depreciation	1.69%	1.65%	2.16%	2.00%	1.94%	1.94%	2.01%	1.97%	1.96%
SG&A	7.35%	7.60%	8.78%	8.97%	9.00%	9.00%	9.00%	9.00%	9.00%
R&D	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Unusual expense	-24.14%	-0.05%	-0.29%	-0.29%	0.00%	0.00%	0.00%	0.00%	0.00%
Other operating expense	0.03%	0.03%	-0.11%	-0.04%	-0.05%	-0.06%	-0.05%	-0.05%	-0.05%
Operating Income (EBIT)	30.16%	6.25%	4.27%	5.06%	4.12%	4.12%	4.05%	4.09%	4.09%
Interest income/(expense)	0.00%	0.00%	0.00%	0.00%	0.00%	-0.07%	-0.06%	-0.06%	-0.06%
Gain (loss) on sale of asset	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income before tax	33.11%	8.03%	6.31%	6.89%	4.05%	4.05%	3.98%	4.03%	4.04%
Tax	11.35%	2.89%	2.41%	4.31%	2.56%	2.55%	2.55%	2.55%	2.55%
Income after tax	21.75%	5.15%	3.89%	4.31%	2.85%	3.06%	3.25%	3.45%	3.65%
Minority Interest	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Equity in affiliates	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Net Income	21.75%	5.15%	3.89%	4.31%	2.85%	2.85%	2.79%	2.82%	2.82%

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LBO Adjusted Proforma Cash Flow

	12 months ending 2010-12-31	2011	2012	2013	2014	2015
Net Income	20.49	14.80	16.01	17.00	18.03	18.98
Depreciation	9.49	10.11	10.92	12.23	12.60	13.18
Amortization	0.00	0.00	0.00	0.00	0.00	0.00
Deferred Taxes	1.13	0.00	0.00	0.00	0.00	0.00
Non Cash Items	-0.36	0.00	0.00	0.00	0.00	0.00
Change in Working capital	28.73	0.00	0.00	0.00	0.00	0.00
Accounts Receivable	-7.85	0.00	0.00	0.00	0.00	0.00
Other Receivables	0.00	0.00	0.00	0.00	0.00	0.00
Inventory	8.61	0.00	0.00	0.00	0.00	0.00
Prepaid Expenses	0.00	0.00	0.00	0.00	0.00	0.00
Accounts Payable	-2.32	0.00	0.00	0.00	0.00	0.00
Cash from Operating Activities	59.48	24.91	26.93	29.23	30.63	32.17
Capital Expenditures	-6.16	-7.00	-7.00	-7.00	-7.00	-7.00
Long term investment	0.00	0.00	0.00	0.00	0.00	0.00
Intangibles	-81.43	0.00	0.00	0.00	0.00	0.00
Cash from Investing Activities	-87.59	-7.00	-7.00	-7.00	-7.00	-7.00
Financing Cash flow items	0.96	0.00	0.00	0.00	0.00	0.00
Total Cash Dividends Paid	0.00	0.00	0.00	0.00	0.00	0.00
Issuance (Retirement) of Stock	0.43	0.00	0.00	0.00	0.00	0.00
Issuance (Retirement) of Current Portion Debt	-	0.00	0.00	0.00	0.00	0.00
Issuance (Retirement) of Long Term Debt	-23.38	0.00	0.00	0.00	0.00	0.00
Cash from Financing Activities	-21.99	0.00	0.00	0.00	0.00	0.00
Foreign Exchange effect	0.05	0.00	0.00	0.00	0.00	0.00
Beginning Cash Balance	124.84	74.80	92.71	112.64	134.87	158.51
Net Change in Cash	-50.05	17.91	19.93	22.23	23.63	25.17
Ending Cash Balance	74.79	92.71	112.64	134.87	158.51	183.67
Depreciation to Sales	2.00%	1.94%	1.94%	2.01%	1.97%	1.96%
Amortization to Sales	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
A/R to Sales	14.08%	12.80%	11.86%	10.98%	10.45%	9.96%

Appreciation Potential:

#DIV/0!

SN VALUATION

LBO Debt Schedule

	Proforma	2011	2012	2013	2014	2015
CSS						
Net Change in Cash	-50.05	17.91	19.93	22.23	23.63	25.17
Current Portion Debt Repayment						
Long Term Debt Repayment						
Outstanding Debt						
Current Portion Debt Balance	4.80	4.80	4.80	4.80	4.80	4.80
Long Term Debt Balance	2.40	2.40	2.40	2.40	2.40	2.40
Forward Libor Curve	2.40	2.40	2.40	2.40	2.40	2.40
Spread	4.00%	4.00%	4.50%	5.00%	5.50%	6.00%
Interest Rate	4.00%	4.00%	3.50%	3.00%	2.50%	2.00%
Interest Expense	0.38	0.38	0.38	0.38	0.38	0.38
EBITDA		21.52	23.25	24.67	26.15	27.50
EBITDA/Interest Expense Coverage		56.05	60.56	64.24	68.09	71.62

Debt Rating	AAA	AAA	AAA	AAA	AAA	AAA
AAA						
AA						
A+						
A						
A-						
BBB						
BB+						
BB						
B+						
B						
B-						
CCC						
CC						
C						
D						

*Source: NYU; Professor Damodaran