Motilal Oswal

ACC

Estimate change	1
TP change	1
Rating change	

Bloomberg	ACC IN
Equity Shares (m)	188
M.Cap.(INRb)/(USDb)	293.5 / 4
52-Week Range (INR)	1590 / 896
1, 6, 12 Rel. Per (%)	5/5/-2
12M Avg Val (INR M)	1433

Financials & Valuations (INR b)

Y/E Dec	2020E	2021 E	2022E
Sales	137	161	171
EBITDA	25	29	30
Adj. PAT	13	16	16
EBITDA Margin (%)	18	18	18
Adj. EPS (INR)	72	83	87
EPS Gr. (%)	-1	16	4
BV/Sh. (INR)	668	734	801
Ratios			
Net D:E	-0.4	-0.4	-0.5
RoE (%)	11.2	11.9	11.3
RoCE (%)	10.9	11.7	11.1
Payout (%)	19.5	16.8	18.5
Valuations			
P/E (x)	21.8	18.8	18.0
P/BV (x)	2.3	2.1	2.0
EV/EBITDA(x)	9.3	7.6	7.3
EV/ton (USD)	94.8	85.9	73.8
Div. Yield (%)	0.9	0.9	1.0
FCF Yield (%)	3.2	2.0	6.7

Shareholding pattern (%)

As On	Sep-20	Jun-20	Sep-19
Promoter	54.5	54.5	54.5
DII	25.7	18.5	21.3
FII	6.7	8.1	9.3
Others	13.1	18.8	15.0

FII Includes depository receipts

CMP: INR1,563 TP: INR1,805 (+15%) Buy

Strong cost control drives margin improvement

Volume growth turns positive, led by rural demand

- ACC's 3QCY20 result highlights the strong rebound in cement volumes and the benefits of fixed-cost reduction. EBITDA grew 21% YoY, with EBITDA/t of INR1,033/t – the highest reported in the last 10 years in the seasonally weak 3Q.
- We raise our CY20/CY21 EBITDA estimates by 5%/9% and introduce CY22 estimates. Reiterate Buy, with raised TP of INR1,805.

Lower cost drives 21% YoY growth in EBITDA

- Revenue/EBITDA/PAT at INR35.4b/INR6.7b/INR3.6b was +0%/+21%/+21% YoY – +3%/+5%/+5% v/s our estimate.
- Cement volumes were up 1% YoY to 6.49mt (est. 6.31mt), led by strong rural demand. However, RMC remained weak with 43% YoY decline to 0.46mn cu mtr.
- Adjusted for clinker sales, cement realization grew 3% YoY to INR4,877/t (on higher price in South), but fell 3.4% QoQ on seasonal price declines. Blended realization, however, was flat YoY at INR5,450/t (est. INR5,464/t) due to lower RMC revenue (-41% YoY).
- Cost per ton declined 4% YoY to INR4,417/t (+1% QoQ). This was led by 10% YoY decline in freight cost per ton (partly due to MSA with Ambuja) and 20% YoY decline in other expenses per ton (largely due to cost cuts post COVID-19).
- Blended EBITDA/t improved 20% YoY (-6% QoQ) to INR1,033 (v/s est. INR1,013/t) – the highest reported in the last 10 years for the seasonally weak 3Q.
- EBITDA of INR6.7b (+21% YoY) was 5% above our estimate, led by a 3% beat on volumes; the margin expanded 3.2pp YoY to 19% (-1.2pp QoQ).
- Reported PAT at INR3.6b was +21%/+35% YoY/QoQ (est. INR3.45b).
- Share of blended cement increased to 91% v/s 88% in 3QCY19.
- 9MCY20 revenue/EBITDA/PAT stood at INR96.4b/INR17.8b/INR9.5b.
 Weighed by the COVID-19 pandemic, revenue/EBITDA/PAT declined 17%/5%/ 13% YoY during 9MCY20 due to 16% YoY decline in volumes (at 17.81mt).
- We estimate 4QCY20 revenue/EBITDA/PAT at INR40.9b/INR7.4b/INR4.0b (up 1%/ 36%/ 47% YoY).

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Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

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Valuation and view

- ACC trades at a 35–60% valuation discount to peers Shree, UltraTech, and Ramco. We believe such a large discount is excessive as: (a) ACC has arrested its market share losses since CY17, (b) its net cash balance sheet (~18% of market cap) renders it well-placed to withstand any extended disruption from COVID-19, and (c) with planned capacity expansions in CY22, the proportion of inefficient assets would decline, improving profitability.
- We value ACC at 9x CY22E EV/EBITDA (~20% discount to the past five-year average of 11.4x) to arrive at Target Price of INR1,805; this implies target EV/t of USD74 and target P/E of 21x on CY22E. Maintain Buy.

Quarterly Performance (Standalone	e)									(INR m)
Y/E December		CY1	L9			CY2	0E		CY19	CY20E	MOSL	
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QCY20	Var (%)
Cement Sales (m ton)	7.50	7.20	6.44	7.76	6.56	4.76	6.49	7.61	28.89	25.42	6.31	3
YoY Change (%)	5.5	-0.6	-1.5	3.9	-12.5	-33.9	0.8	-1.9	1.8	-12.0	-2.0	
Net Sales	3 9,191	41,497	35,276	40,603	35,017	26,008	35,373	40,927	156,567	137,326	34,483	3
YoY Change (%)	8.1	7.8	2.7	4.2	-10.6	-37.3	0.3	0.8	5.8	-12.3	-2.2	
Total Expenditure	33,882	33,680	29,713	35,197	29,159	20,764	28,666	33,575	132,472	112,164	28,090	
EBITDA	5,309	7,817	5,563	5,406	5,859	5,244	6,707	7,352	24,095	25,162	6,393	5
Margins (%)	13.5	18.8	15.8	13.3	16.7	20.2	19.0	18.0	15.4	18.3	18.5	
Depreciation	1,467	1,460	1,504	1,600	1,571	1,618	1,600	1,642	6,030	6,430	1,620	
Interest	209	199	163	292	106	131	160	203	862	600	150	
Other Income	1,525	519	508	560	547	502	449	502	3,112	2,000	520	
PBT before EO Item	5,159	6,677	4,405	4,074	4,728	3,998	5,397	6,009	20,315	20,132	5,143	5
EO Income/(Expense)	0	0	0	0	0	0	0	0	0	0	0	
PBT after EO Item	5,159	6,677	4,405	4,074	4,728	3,998	5,397	6,009	20,315	20,132	5,143	5
Тах	1,774	2,164	1,406	1,381	1,529	1,318	1,766	2,052	6,726	6,665	1,697	
Rate (%)	34.4	32.4	31.9	33.9	32.3	33.0	32.7	34.2	33.1	33.1	33.0	
Reported PAT	3,384	4,513	3,000	2,692	3,199	2,680	3,631	3,957	13,589	13,467	3,446	5
Adjusted PAT	3,384	4,513	3,000	2,692	3,199	2,680	3,631	3,957	13,589	13,467	3,446	5
Margins (%)	8.6	10.9	8.5	6.6	9.1	10.3	10.3	9.7	8.7	9.8	10.0	
YoY Change (%)	38.1	38.6	45.9	17.1	-5.5	-40.6	21.0	47.0	35.1	-0.9	14.9	

Income Statement (INR/ton) - incl RMC

	CY19					CY20E CY19				CY20E	MOSL	
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QCY20	Var (%)
Blended Realization	5,225	5,764	5,478	5,232	5,338	5,464	5,450	5,376	5,419	5,402	5,464	0
YoY Change (%)	2.5	8.4	4.3	0.3	2.2	-5.2	-0.5	2.7	3.9	-0.3	-0.3	
Increase/ Decrease in stock	13	-30	-329	418	-251	264	103	0	35	0	0	
Raw Material	936	945	948	808	976	786	945	985	907	937	900	5
Staff Cost	266	282	356	300	318	370	316	292	299	319	301	5
Power & fuel	1,055	1,133	1,217	954	1,119	960	970	1,066	1,084	1,041	1,026	-5
Freight	1,415	1,451	1,483	1,275	1,442	1,268	1,331	1,364	1,402	1,360	1,346	-1
Other expenditure	832	897	939	781	842	715	752	703	859	755	878	-14
Total Expenditure	4,518	4,678	4,614	4,536	4,445	4,362	4,417	4,410	4,585	4,412	4,451	-1
EBITDA	708	1,086	864	697	893	1,102	1,033	966	834	990	1,013	2
YoY Change (%)	2	26	28	7	26	1	20	39	16	19	17	

Key exhibits

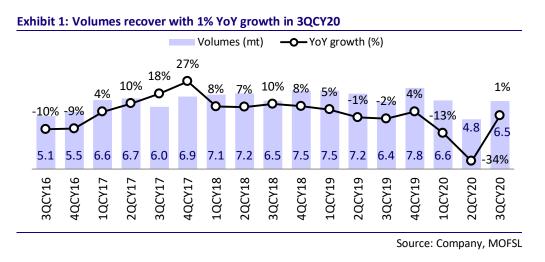
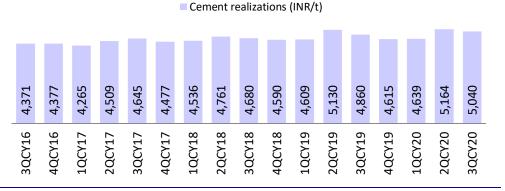
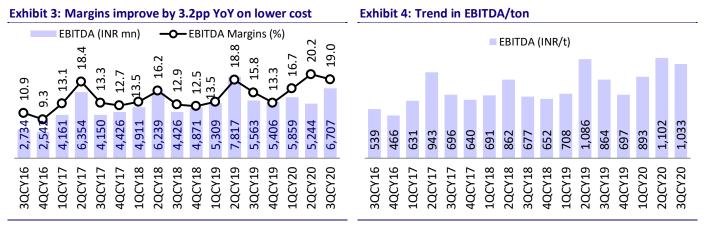


Exhibit 2: Cement realizations up 4% YoY in 3QCY20



Source: Company, MOFSL



Source: MOFSL, Company

Source: MOFSL, Company

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INR/Ton	3QCY20	3QCY19	YoY (%)	2QCY20	QoQ (%)
Net realization	5,450	5,478	-0.5	5,464	-0.2
Expenditure					
Raw Materials	945	948	-0.3	786	20.3
Staff Cost	316	356	-11.1	370	-14.6
Power	970	1,217	-20.3	960	1.0
Freight	1,331	1,483	-10.2	1,268	5.0
Purchase of cement	103	-329	-131.2	264	-61.0
Other Expenditure	752	939	-20.0	715	5.2
Total cost	4,417	4,614	-4.3	4,362	1.3
EBITDA	1,033	864	19.6	1,102	-6.2

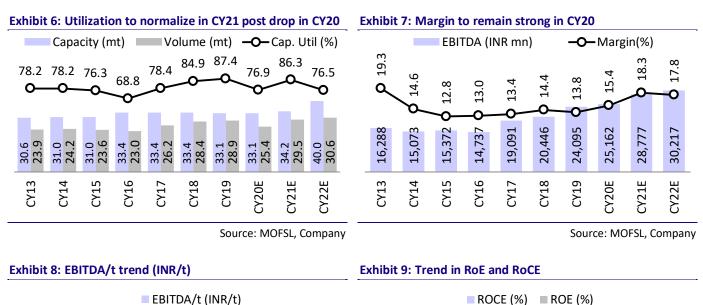
Exhibit 5: Key performance indicators (incl. RMC business)

Source: MOFSL, Company

Valuation and view

- Capacity expansion focused on central India: ACC is expanding its capacity by 18%, most of which should get commissioned by CY22. This should address key investor concerns regarding potential market share loss due to capacity constraints. More importantly, the majority of the expansion is scheduled to happen in the central region, which has a better utilization outlook than the rest of India. We estimate the share of central India in ACC's volumes to rise to ~25% in the longer term (from 13% currently).
- Market share loss arrested; RoE improving: ACC lost ~450bp in all-India volume market share to 8.2% over CY06–16. However, this decline has been arrested since CY17; market share has sustained at ~8.5%, driven by an 8% CAGR in volumes over CY16–19. We expect ACC to sustain its market share for at least the next five years, driven by capacity expansion, which should get commissioned in CY22.
- Valuation and view: ACC trades at a 35–60% valuation discount to peers Shree, UltraTech, and Ramco. We believe such a large discount is excessive as: (a) ACC has arrested its market share losses since CY17, (b) its net cash balance sheet (18% of market cap) renders it well-placed to withstand any extended disruption from COVID-19, and (c) with planned capacity expansions in CY22, the proportion of inefficient assets would decline, improving profitability. We value ACC at 9x CY22E EV/EBITDA (~20% discount to the past five-year average of 11.4x) to arrive at TP of INR1,805; this implies target EV/t of USD74 and target P/E of 21x on CY22E earnings.

Story in charts



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CY13

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CY14

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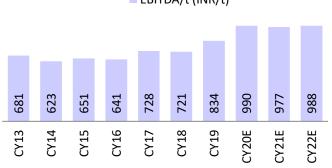
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CY15

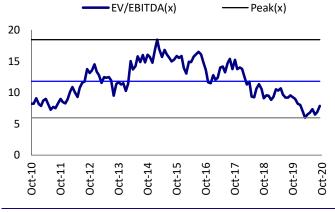
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CY16



Source: MOFSL, Company

Exhibit 10: 1yr-fwd EV/EBITDA at 33% discount to 10-yr avg.



Source: MOFSL, Company

Source: MOFSL, Company

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CY21E

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CY19

10.1

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CY18

10.1

11.3

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CY22E

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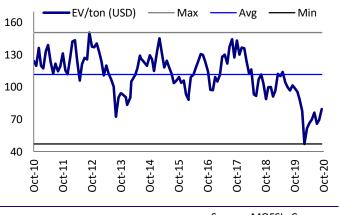
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CY20E

Exhibit 11: 1-yr fwd EV/ton at 29% discount to 10-yr avg

CY17



Source: MOFSL, Company

ACC

Financials and valuations

Income Statement	0/4 5	0.446	047	0/40	0140	0/005	01/045	(INR m)
Y/E December	CY15	CY16	CY17	CY18	CY19	CY20E	CY21E	CY22E
Net Sales	117,968	109,897	132,846	148,014	156,567	1,37,326	1,61,220	1,70,778
Change (%)	0.5	-6.8	20.9	11.4	5.8	-12.3	17.4	5.9
EBITDA	15,372	14,737	19,091	20,446	24,095	25,162	28,777	30,217
Change (%)	2.0	-4.1	29.5	7.1	17.8	4.4	14.4	5.0
Margin (%)	13.0	13.4	14.4	13.8	15.4	18.3	17.8	17.7
Depreciation	6,521	6,052	6,401	5,996	6,030	6,430	6,698	7,529
Int. and Fin. Charges	673	826	1,023	892	862	600	705	748
Other Income - Rec.	1,194	1,283	1,317	1,385	3,112	2,000	2,000	2,400
PBT Before EO Item	9,371	9,143	12,984	14,943	20,315	20,132	23,374	24,341
EO Income/(Expense)	-1,532	-428	0	5,006	0	0	0	0
PBT After EO Item	7,840	8,715	12,984	19,949	20,315	20,132	23,374	24,341
Тах	1,924	2,244	3,829	4,883	6,726	6,665	7,738	8,058
Tax Rate (%)	24.5	25.8	29.5	24.5	33.1	33.1	33.1	33.1
Reported PAT	5,916	6,471	9,154	15,066	13,589	13,467	15,635	16,282
Adjusted PAT	7,447	6,899	9,154	10,060	13,589	13,467	15,635	16,282
Change (%)	-13.3	-7.4	32.7	9.9	35.1	-0.9	16.1	4.1
Margin (%)	6.3	6.3	6.9	6.8	8.7	9.8	9.7	9.5
								(
Balance Sheet								(INR m)
Y/E December	CY15	CY16	CY17	CY18	CY19	CY20E	CY21E	CY21E
Share Capital	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880
Fully Diluted Capital	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880
Reserves	82,551	86,439	91,775	103,397	113,333	1,23,627	1,36,089	1,48,745
Net Worth	84,430	88,319	93,655	105,277	115,213	1,25,507	1,37,969	1,50,625
Loans	355	500	592	0	0	0	0	0
Deferred Tax Liability	4,692	4,474	5,414	6,631	6,422	6,422	6,422	6,422
Capital Employed	89,477	93,293	99,660	111,908	121,635	1,31,929	1,44,391	1,57,047
Gross Block	113,525	81,295	84,799	88,774	93,972	97,972	1,01,972	1,22,772
Less: Accum. Depn.	60,675	6,045	12,389	18,280	24,059	30,489	37,187	44,716
Net Fixed Assets	52,850	75,250	72,410	70,494	69,914	67,484	64,785	78,056
Capital WIP	23,710	2,608	2,617	3,922	4,353	8,253	20,253	3,453
Investments-Trade	12,069	18,098	25,304	28,405	43,869	38,869	38,869	50,869
Investments in subsidiaries	2,688	2,265	2,265	2,265	2,265	2,265	2,265	2,265
Curr. Assets, Loans&Adv.	37,092	36,175	46,292	55,165	50,421	65,091	72,202	79,407
Inventory	11,886	12,238	14,040	16,786	11,410	12,877	15,135	16,045
Account Receivables	9,507	5,361	6,682	8,683	6,284	7,358	8,649	9,169
Cash and Bank Balance	917	1,674	1,687	1,635	1,549	12,679	15,443	19,397
Others	14,782	16,903	23,884	28,062	31,178	32,178	32,975	34,796
Curr. Liab. and Prov.	38,931	41,103	49,229	48,343	49,186	50,032	53,983	57,002
Account Payables	22,935	12,569	18,105	19,227	14,710	15,672	19,090	21,950
Other Liabilities	8,405	22,415	24,515	25,627	28,478	28,478	28,478	28,478
Provisions	7,592	6,119	6,609	3,489	5,998	5,883	6,415	6,574
Net Current Assets	-1,839	-4,928	-2,936	6,822	1,235	15,059	18,220	22,405
Miscellaneous Expenditure								
Application of Funds	89,477	93,293	99,660	111,908	121,635	1,31,929	1,44,391	1,57,047
E: MOESL Estimates								

E: MOFSL Estimates

Financials and valuations

Ratios								
Y/E December	CY15	CY16	CY17	CY18	CY19	CY20E	CY21E	CY21E
Basic (INR)								
EPS	39.6	36.7	48.7	53.5	72.3	71.6	83.2	86.6
Cash EPS	74.3	68.9	82.7	85.4	104.4	71.6	83.2	86.6
BV/Share	449.2	469.8	498.2	560.0	612.9	105.8	118.8	126.7
DPS	17.0	17.0	26.0	14.0	14.0	667.6	733.9	801.2
Payout (%)	54.0	49.3	53.3	17.4	19.3	14.0	14.0	16.0
Valuation (x)								
P/E				29.2	21.6	21.8	18.8	18.0
Cash P/E				18.3	15.0	14.8	13.2	12.3
EV/Sales				1.8	1.6	1.7	1.4	1.3
EV/EBITDA				12.7	10.1	9.3	7.6	7.3
P/BV				2.8	2.6	2.3	2.1	2.0
Dividend Yield				0.9	0.9	0.9	0.9	1.0
EV/ton (USD-Cap)				104	99	95	86	74
Return Ratios (%)								
RoE	8.9	8.0	10.1	10.1	12.3	11.2	11.9	11.3
RoCE	8.6	8.1	10.2	11.3	12.1	10.9	11.7	11.1
RoIC	12.7	10.4	12.7	14.7	16.1	17.4	20.8	19.8
Working Capital Ratios								
Debtor (Days)	29	18	18	21	15	20	20	20
Asset Turnover (x)	0.8	0.8	0.8	0.8	0.8	1.0	0.9	0.9
Leverage Ratio								
Debt/Equity (x)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								(1915)
Cash Flow Statement	CV/1 F	CV/1C	0/47	CV/10	CV(10	CV20F	0/215	(INR m)
Y/E December	CY15 7,840	CY16	CY17	CY18 14,943	CY19	CY20E	CY21E	CY21E 24,341
OP/(Loss) before Tax	7.840	8,715	12,984	14.943	20,315	20,132	23,374	74 34 1
		052	C 401		C 020	C 420		
Depreciation	7,151	6,052	6,401	5,996	6,030	6,430	6,698	7,529
Interest & Finance Charges	7,151 -263	171	104	5,996 -129	0	0	6,698 0	7,529 0
Interest & Finance Charges Direct Taxes Paid	7,151 -263 -2,289	171 -2,717	104 -2,177	5,996 -129 -5,265	0 -4,462	0 -6,665	6,698 0 -7,738	7,529 0 -8,058
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC	7,151 -263 -2,289 -495	171 -2,717 1,752	104 -2,177 -1,660	5,996 -129 -5,265 -4,493	0 -4,462 601	0 -6,665 -2,695	6,698 0 -7,738 -396	7,529 0 -8,058 -231
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations	7,151 -263 -2,289 -495 11944.7	171 -2,717 1,752 13971.6	104 -2,177 -1,660 15651.4	5,996 -129 -5,265 -4,493 11,052	0 -4,462 601 22,484	0 -6,665 -2,695 17,202	6,698 0 -7,738 -396 21,938	7,529 0 -8,058 -231 23,580
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others	7,151 -263 -2,289 -495 11944.7 2,668	171 -2,717 1,752 13971.6 -171	104 -2,177 -1,660 15651.4 -104	5,996 -129 -5,265 -4,493 11,052 129	0 -4,462 601 22,484 0	0 -6,665 -2,695 17,202 0	6,698 0 -7,738 -396 21,938 0	7,529 0 -8,058 -231 23,580 0
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO	7,151 -263 -2,289 -495 11944.7 2,668 14,612	171 -2,717 1,752 13971.6 -171 13,801	104 -2,177 -1,660 15651.4 -104 15,548	5,996 -129 -5,265 -4,493 11,052 129 11,181	0 -4,462 601 22,484 0 22,484	0 -6,665 -2,695 17,202 0 17,202	6,698 0 -7,738 -396 21,938 0 21,938	7,529 0 -8,058 -231 23,580 0 23,580
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA	7,151 -263 -2,289 -495 11944.7 2,668 14,612 -11,643	171 -2,717 1,752 13971.6 -171 13,801 -4,976	104 -2,177 -1,660 15651.4 -104 15,548 -5,194	5,996 -129 -5,265 -4,493 11,052 129 11,181 -4,951	0 -4,462 601 22,484 0 22,484 -4,935	0 -6,665 -2,695 17,202 0 17,202 -7,900	6,698 0 -7,738 -396 21,938 0 21,938 -16,000	7,529 0 -8,058 -231 23,580 0 23,580 -4,000
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow	7,151 -263 -2,289 -495 11944.7 2,668 14,612 -11,643 2,970	171 -2,717 1,752 13971.6 -171 13,801 -4,976 8,826	104 -2,177 -1,660 15651.4 -104 15,548 -5,194 10,354	5,996 -129 -5,265 -4,493 11,052 129 11,181 -4,951 6,230	0 -4,462 601 22,484 0 22,484 -4,935 17,549	0 -6,665 -2,695 17,202 0 17,202 -7,900 9,302	6,698 0 -7,738 -396 21,938 0 21,938 -16,000 5,938	7,529 0 -8,058 -231 23,580 0 23,580 -4,000 19,580
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments	7,151 -263 -2,289 -495 11944.7 2,668 14,612 -11,643 2,970 2,161	171 -2,717 1,752 13971.6 -171 13,801 -4,976 8,826 -416	104 -2,177 -1,660 15651.4 -104 15,548 -5,194 10,354 1,348	5,996 -129 -5,265 -4,493 11,052 129 11,181 -4,951 6,230 1,273	0 -4,462 601 22,484 0 22,484 -4,935 17,549 1,651	0 -6,665 -2,695 17,202 0 17,202 -7,900	6,698 0 -7,738 -396 21,938 0 21,938 -16,000	7,529 0 -8,058 -231 23,580 0 23,580 -4,000
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others	7,151 -263 -2,289 -495 11944.7 2,668 14,612 -11,643 2,970 2,161 -1,293	171 -2,717 1,752 13971.6 -171 13,801 -4,976 8,826 -416 2,576	104 -2,177 -1,660 15651.4 -104 15,548 -5,194 10,354 1,348 -262	5,996 -129 -5,265 -4,493 11,052 129 11,181 -4,951 6,230 1,273 -42	0 -4,462 601 22,484 0 22,484 -4,935 17,549 1,651 -42	0 -6,665 -2,695 17,202 0 17,202 -7,900 9,302 0	6,698 0 -7,738 -396 21,938 0 21,938 -16,000 5,938 0	7,529 0 -8,058 -231 23,580 0 23,580 -4,000 19,580 0
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments	7,151 -263 -2,289 -495 11944.7 2,668 14,612 -11,643 2,970 2,161 -1,293 -10,775	171 -2,717 1,752 13971.6 -171 13,801 -4,976 8,826 -416 2,576 -2,815	104 -2,177 -1,660 15651.4 -104 15,548 -5,194 10,354 1,348 -262 -4,108	5,996 -129 -5,265 -4,493 11,052 129 11,181 -4,951 6,230 1,273 -42 -3,720	0 -4,462 601 22,484 0 22,484 -4,935 17,549 1,651 -42 -3,325	0 -6,665 -2,695 17,202 0 17,202 -7,900 9,302 0 - 7,900	6,698 0 -7,738 -396 21,938 0 21,938 -16,000 5,938 0 -16,000	7,529 0 -8,058 -231 23,580 0 23,580 -4,000 19,580 0 -4,000
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares	7,151 -263 -2,289 -495 11944.7 2,668 14,612 -11,643 2,970 2,161 -1,293 -10,775 0	171 -2,717 1,752 13971.6 -171 13,801 -4,976 8,826 -416 2,576 -2,815 2	104 -2,177 -1,660 15651.4 -104 15,548 -5,194 10,354 1,348 -262 -4,108 0	5,996 -129 -5,265 -4,493 11,052 129 11,181 -4,951 6,230 1,273 -42 -3,720 0	0 -4,462 601 22,484 0 22,484 -4,935 17,549 1,651 -42 -3,325 0	0 -6,665 -2,695 17,202 0 17,202 -7,900 9,302 0 -7,900 0	6,698 0 -7,738 -396 21,938 0 21,938 -16,000 5,938 0 -16,000 0	7,529 0 -8,058 -231 23,580 0 23,580 -4,000 19,580 0 -4,000 0
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares Inc/(Dec) in Debt	7,151 -263 -2,289 -495 11944.7 2,668 14,612 -11,643 2,970 2,161 -1,293 -10,775 0 355	171 -2,717 1,752 13971.6 -171 13,801 -4,976 8,826 -416 2,576 -2,815 2 2 117	104 -2,177 -1,660 15651.4 -104 15,548 -5,194 10,354 1,348 -262 -4,108 0 42	5,996 -129 -5,265 -4,493 11,052 129 11,181 -4,951 6,230 1,273 -42 -3,720 0 -606	0 -4,462 601 22,484 0 22,484 -4,935 17,549 1,651 -42 -3,325 0 0	0 -6,665 -2,695 17,202 0 17,202 -7,900 9,302 0 - 7,900 0 0	6,698 0 -7,738 -396 21,938 0 21,938 -16,000 5,938 0 -16,000 0 0	7,529 0 -8,058 -231 23,580 0 23,580 -4,000 19,580 0 -4,000 0 0
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares Inc/(Dec) in Debt Interest Paid	7,151 -263 -2,289 -495 11944.7 2,668 14,612 -11,643 2,970 2,161 -1,293 -10,775 0 3555 -415	171 -2,717 1,752 13971.6 -171 13,801 -4,976 8,826 -416 2,576 -2,815 2 117 -478	104 -2,177 -1,660 15651.4 -104 15,548 -5,194 10,354 1,348 -262 -4,108 0 42 -420	5,996 -129 -5,265 -4,493 11,052 129 11,181 -4,951 6,230 1,273 -42 -3,720 0 -606 -409	0 -4,462 601 22,484 -4,935 17,549 1,651 -42 -3,325 0 0 0 0	0 -6,665 -2,695 17,202 0 17,202 -7,900 9,302 0 - 7,900 0 0	6,698 0 -7,738 -396 21,938 0 21,938 -16,000 5,938 0 -16,000 0 0	7,529 0 -8,058 -231 23,580 0 23,580 -4,000 19,580 0 -4,000 0 0 0
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares Inc/(Dec) in Debt Interest Paid Dividend Paid	7,151 -263 -2,289 -495 11944.7 2,668 14,612 -11,643 2,970 2,161 -1,293 -10,775 0 3555 -415 -5,617	171 -2,717 1,752 13971.6 -171 13,801 -4,976 8,826 -416 2,576 -2,815 2 117 -478 -478 -3,192	104 -2,177 -1,660 15651.4 -104 15,548 -5,194 10,354 1,348 -262 -4,108 0 42 -420 -3,192	5,996 -129 -5,265 -4,493 11,052 129 11,181 -4,951 6,230 1,273 -42 -3,720 0 -606 -409 -2,817	0 -4,462 601 22,484 -4,935 17,549 1,651 -42 -3,325 0 0 0 -572 -2,629	0 -6,665 -2,695 17,202 0 17,202 -7,900 9,302 0 -7,900 0 -7,900 0 0 0 0	6,698 0 -7,738 -396 21,938 0 21,938 -16,000 5,938 0 -16,000 0 -16,000 0 0 0 -3,173	7,529 0 -8,058 -231 23,580 0 23,580 -4,000 19,580 0 0 -4,000 0 0 0 0 0 0 0
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares Inc/(Dec) in Debt Interest Paid Dividend Paid Others	7,151 -263 -2,289 -495 11944.7 2,668 14,612 -11,643 2,970 2,161 -1,293 -10,775 0 3555 -415 -5,617 -1,134	171 -2,717 1,752 13971.6 -171 13,801 -4,976 8,826 -416 2,576 2 -2,815 2 117 -478 -3,192 -650	104 -2,177 -1,660 15651.4 -104 15,548 -5,194 10,354 1,348 -262 -4,108 0 42 -420 -3,192 -650	5,996 -129 -5,265 -4,493 11,052 129 11,181 -4,951 6,230 1,273 -42 -3,720 0 -606 -409 -2,817 -579	0 -4,462 601 22,484 -4,935 17,549 1,651 1,651 -42 -3,325 0 0 0 -572 -2,629 -540	0 6,665 -2,695 17,202 0 17,202 -7,900 9,302 0 -7,900 0 - 7,900 0 0 0 - 3,173 0	6,698 0 -7,738 -396 21,938 0 21,938 -16,000 5,938 0 -16,000 0 -16,000 0 -3,173 0	7,529 0 -8,058 -231 23,580 0 23,580 -4,000 19,580 0 0 -4,000 0 0 0 0 0 0 0 0 -3,626 0
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares Inc/(Dec) in Debt Interest Paid Dividend Paid Others CF from Fin. Activity	7,151 -263 -2,289 -495 11944.7 2,668 14,612 -11,643 2,970 2,161 -1,293 -10,775 0 3555 -415 -5,617 -1,134 -6,810	171 -2,717 1,752 13971.6 -171 13,801 -4,976 8,826 -416 2,576 -2,815 2 117 -4,78 -3,192 -650 -4,201	104 -2,177 -1,660 15651.4 -104 15,548 -5,194 10,354 1,348 -262 -4,108 0 42 -420 -3,192 -650 -4,221	5,996 -129 -5,265 -4,493 11,052 129 11,181 -4,951 6,230 1,273 -42 -3,720 0 -606 -409 -2,817 -579 -4,411	0 -4,462 601 22,484 -4,935 17,549 1,651 -42 - 3,325 0 0 0 -572 -2,629 -540 -3,742	0 -6,665 -2,695 17,202 0 17,202 -7,900 9,302 0 -7,900 0 -7,900 0 0 -3,173 0 - 3,173	6,698 0 -7,738 -396 21,938 0 21,938 -16,000 5,938 0 -16,000 0 -16,000 0 -3,173 0 -3,173	7,529 0 -8,058 -231 23,580 0 23,580 -4,000 19,580 0 0 -4,000 0 0 0 0 0 0 -3,626 0 0 -3,626
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares Inc/(Dec) in Debt Interest Paid Dividend Paid Others CF from Fin. Activity Inc/Dec of Cash	7,151 -263 -2,289 -495 11944.7 2,668 14,612 -11,643 2,970 2,161 -1,293 -10,775 0 3555 -415 -5,617 -1,134 -6,810 -2,973	171 -2,717 1,752 13971.6 -171 13,801 -4,976 8,826 -416 2,576 -2,815 2 117 -478 -3,192 -650 -4,201 6,785	104 -2,177 -1,660 15651.4 -104 15,548 -5,194 10,354 1,348 -262 -4,108 0 42 -420 -3,192 -650 -4,221 7,219	5,996 -129 -5,265 -4,493 11,052 129 11,181 -4,951 6,230 1,273 -42 -3,720 0 -606 -409 -2,817 -579 -4,411 3,050	0 -4,462 601 22,484 -4,935 17,549 1,651 -42 -3,325 0 0 0 0 -572 -2,629 -540 -3,742	0 -6,665 -2,695 17,202 0 17,202 -7,900 9,302 0 -7,900 0 -7,900 0 0 0 - 3,173 0 -3,173 0 -3,173	6,698 0 -7,738 -396 21,938 0 21,938 -16,000 5,938 0 -16,000 0 - 16,000 0 - 16,000 0 - 3,173 0 -3,173 0 -3,173	7,529 0 -8,058 -231 23,580 0 23,580 -4,000 19,580 0 -4,000 0 -4,000 0 -3,626 0 -3,626 15,954
Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares Inc/(Dec) in Debt Interest Paid Dividend Paid Others CF from Fin. Activity	7,151 -263 -2,289 -495 11944.7 2,668 14,612 -11,643 2,970 2,161 -1,293 -10,775 0 3555 -415 -5,617 -1,134 -6,810	171 -2,717 1,752 13971.6 -171 13,801 -4,976 8,826 -416 2,576 -2,815 2 117 -4,78 -3,192 -650 -4,201	104 -2,177 -1,660 15651.4 -104 15,548 -5,194 10,354 1,348 -262 -4,108 0 42 -420 -3,192 -650 -4,221	5,996 -129 -5,265 -4,493 11,052 129 11,181 -4,951 6,230 1,273 -42 -3,720 0 -606 -409 -2,817 -579 -4,411	0 -4,462 601 22,484 -4,935 17,549 1,651 -42 - 3,325 0 0 0 -572 -2,629 -540 -3,742	0 -6,665 -2,695 17,202 0 17,202 -7,900 9,302 0 -7,900 0 -7,900 0 0 -3,173 0 - 3,173	6,698 0 -7,738 -396 21,938 0 21,938 -16,000 5,938 0 -16,000 0 -16,000 0 -3,173 0 -3,173	7,529 0 -8,058 -231 23,580 0 23,580 -4,000 19,580 0 0 -4,000 0 0 0 0 0 0 -3,626 0 0 -3,626

Explanation of Investment Rating					
Investment Rating	Expected return (over 12-month)				
BUY	>=15%				
SELL	<- 10%				
NEUTRAL	< - 10 % to 15%				
UNDER REVIEW	Rating may undergo a change				
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation				

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

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* MOSL has been amalgamated with Motilal Oswal Financial Services Limited (MOFSL) w.e.f August 21, 2018 pursuant to order dated July 30, 2018 issued by Hon'ble National Company Law Tribunal, Mumbai Bench.

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