

Grasim

Estimate change	←
TP change	←→
Rating change	←

Bloomberg	GRASIM IN
Equity Shares (m)	657
M.Cap.(INRb)/(USDb)	1444.8 / 17.4
52-Week Range (INR)	2182 / 1521
1, 6, 12 Rel. Per (%)	4/7/11
12M Avg Val (INR M)	1197

Financial Snapshot (INR b)

- maneiar onapono			
Y/E MARCH	FY24E	FY25E	FY26E
Sales	253.4	290.7	311.8
EBITDA	23.7	27.5	35.4
Adj. PAT	15.6	13.2	16.4
EBITDA Margin (%)	9.4	9.4	11.4
S/A Adj. EPS (INR)	23.7	20.1	24.1
S/A EPS Gr. (%)	(25.5)	(15.2)	20.0
Consol EPS (INR)	94.3	96.0	105.6
BV/Sh. (INR)	737.7	769.5	796.6
Ratios			
Net D:E	0.1	0.2	0.1
RoE (%)	4.6	2.9	3.8
RoCE (%)	5.9	5.3	6.3
Valuations			
P/E (x)	91.6	108.0	90.0
EV/EBITDA (x)	4.2	3.7	2.8
Div. Yield (%)	0.3	0.3	0.3
FCF Yield (%)	(2.7)	(1.7)	(0.3)
· · · · · · · · · · · · · · · · · · ·			

Shareholding pattern (%)

As On	Dec-23	Sep-23	Dec-22
Promoter	42.8	42.8	42.8
DII	16.7	16.9	16.5
FII	16.8	16.4	16.8
Others	23.8	23.9	24.0

FII Includes depository receipts

CMP: INR2,169 TP: INR2,670 (+23%) Buy In-line performance of core segments; eyes on Paints rollout...

...by the end of 4QFY24

- Grasim's 3QFY24 EBITDA was ~10% below our estimates, primarily due to higher losses (up INR470m QoQ to INR900m) in the new businesses (Birla Pivot and Paints) and the insulator segment. EBITDA for the VSF/Chemical segments was 5%/4% above our estimates. The VSF segment posted an EBITDA/kg of INR18.7 (est. INR17.6), while the Chemical segment clocked an OPM of 13.2% (est. 12.3%) during the quarter. The lower tax rate resulted in a 47% YoY growth in adjusted profit to INR2.4b (vs. estimate of INR2.0b).
- Management indicated that the margin in the VSF segment is stable. Even though the caustic soda price is declining, global prices are likely to bottom out soon, and then prices should remain stable or rise. The losses in the Paints and B2B businesses were higher due to the rise in employee strength.
- We largely retain our EPS estimates for FY24-26. Reiterate BUY with a TP of INR2,670 as we value its: 1) holding in subsidiary companies by assigning a discount of 40%; 2) standalone business at 7x EV/EBITDA, and 3) Paints business at 1x of investments.

Low base helps VSF segment; margin contracts in the Chemical segment

- Grasim's standalone revenue/EBITDA/Adj. PAT stood at INR64.0b/INR5.2b/ INR2.4b, (+3%/+10%/+47% YoY and -1%/-10%/+19% vs. our est.) in 3QFY24.
- Sales volume in the VSF segment rose 32% YoY, while blended realization dipped 11% YoY. Lower costs led to EBITDA growth of 6.4x YoY (on a low base) to INR4b. OPM surged 9pp YoY to 10.8%. EBITDA/kg stood at INR19 vs. INR4/INR21 in 3QFY23/2QFY24.
- The Chemical segment's volumes rose 5% YoY, though realization was down 27% YoY (ECU realization dipped 33% YoY). Lower realization offset the benefits of lower costs, and EBITDA declined 23% YoY to INR20b. OPM dipped 5.7pp YoY to 13.2%.
- In 9MFY24, revenue declined 6% YoY, while EBITDA dropped 35% YoY to INR17.9b as the Chemical segment's EBITDA was down 55%. OPM dipped 4.3pp YoY to 9.4% as the Chemical segment's OPM dropped 10pp YoY to 14%. Adjusted profit was down 31% YoY to INR13.9b during the period.

Highlights from the management commentary

- Grasim raised the capacity of specialty chemicals (Epoxy) to 246KTPA from 123KTPA earlier. This will enable the company to meet the growing demand in value-added products and specialty chemicals.
- VSF plants' operating rate in China improved to 88% vs. 85% in 2QFY24, with a decline in inventory days (10 days vs. 12 in 2QFY24). The realization was further hurt by cheaper imports from China. VFY sales (applied in embroidery and home furnishing) witnessed lower demand in 3QFY24.
- Trial production of Paints has started at three plants; Ludhiana, Cheyyar, and Panipat. The brand architecture under Birla Opus is complete, and the full range of products will be launched in FY25E.

Sanjeev Kumar Singh - Research analyst (Sanjeev.Singh@MotilalOswal.com)

Mudit Agarwal - Research analyst (Mudit.Agarwal@MotilalOswal.com)

Valuation and view

■ The VSF segment's margin is expected to remain stable, and caustic soda prices appear to be bottoming out. Grasim will benefit from the capacity expansion of Epoxy, where margins are better than caustic soda. This would help improve the margin of the chemical segment. The company has started a trial run of the paint plants at three locations and is geared up to launch its Paints brand by Mar'24. Management has successfully completed the Rights issue of INR40b with an oversubscription of nearly 2x.

We largely retain our EPS estimates for FY24-26. **Reiterate BUY** with a TP of INR2,670 as we value its: 1) holding in subsidiary companies by assigning a discount of 40%; 2) standalone business at 7x EV/EBITDA, and 3) Paints business at 1x of investments.

Quarterly Performance (S/A)													(INR m)
Y/E March		F	Y23			FY24	ļ		FY23	FY24E	FY24	Var.	YoY	QoQ
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QE	(%)	(%)	(%)
Net Sales	72.5	67.5	62.0	66.5	62.4	64.4	64.0	62.6	268.4	253.4	64.5	(1)	3	(1)
YoY Change (%)	92.8	36.7	7.1	4.2	(14.0)	(4.5)	3.3	(5.8)	28.7	(5.6)	4.2			
EBITDA	13.2	9.6	4.8	4.3	6.7	5.9	5.2	5.8	31.8	23.7	5.8	(10)	10	(12)
Margins (%)	18.2	14.2	7.7	6.4	10.8	9.2	8.2	9.3	11.8	9.4	9.0	(81)	46	(105)
Depreciation	2.6	2.7	2.8	3.0	2.9	2.9	3.0	3.1	11.0	11.9	3.0	(0)	8	2
Interest	0.9	0.9	0.9	1.1	1.1	1.1	1.1	1.1	3.7	4.3	1.1	(3)	20	0
Other Income	0.4	7.6	1.0	1.2	1.2	7.6	1.2	1.3	10.2	11.2	1.1	6	17	(84)
PBT before EO Items	10.2	13.6	2.2	1.4	4.0	9.6	2.4	2.9	27.3	18.8	2.8	(16)	11	(75)
Extraordinary Inc/(Exp)	-	(0.9)	-	-	-	-	-	-	(0.9)	-	-			
PBT after EO Items	10.2	12.7	2.2	1.4	4.0	9.6	2.4	2.9	26.5	18.8	2.8	(16)	11	(75)
Tax	2.1	3.1	-0.4	0.4	0.4	1.6	0.0	1.2	5.2	3.2	0.9			
Rate (%)	20.9	24.2	(19.7)	30.9	10.2	16.8	1.2	40.0	19.7	17.0	30.0			
Reported PAT	8.1	9.6	2.6	0.9	3.6	7.9	2.4	1.7	21.2	15.6	2.0	19	(8)	(70)
Prior period tax/DTL reversal	-	-	(1.0)	-	-	-	-	-	(1.0)	-	-			
Adj. PAT	8.1	10.3	1.6	0.9	3.6	7.9	2.4	1.7	20.9	15.6	2.0	19	47	(70)
Margins (%)	11.1	15.3	2.6	1.4	5.7	12.3	3.7	2.8	7.8	6.2	3.1			
YoY Change (%)	81.3	8.8	(67.1)	(73.2)	(56.1)	(22.9)	46.9	85.4	(6.2)	(25.5)	23.7			

Segmental performance														(INR b)
Y/E March		FY2	23	3 FY24			FY23	FY24E	FY24	Var.	YoY	QoQ		
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE	_		3QE	(%)	(%)	(%)
VSF Segment														
Sales Volume (ton)	207	182	164	203	196	221	215	217	756	850	217	(1)	32	207
YoY Change (%)	73.2	9.5	(3.8)	6.4	(5.3)	21.6	31.7	7.0	16.9	12.5				73.2
Blended realization (INR/kg)	207	215	195	185	183	176	173	178	200	177	173	(0)	(11)	207
Net Sales (INR m)	43.0	39.0	31.8	37.6	35.8	38.9	37.1	38.6	151.5	150.4	37.5	(1)	17	43.0
YoY Change (%)	104.5	29.9	(4.6)	(0.1)	(16.7)	(0.4)	16.8	2.5	24.1	(0.7)				104.5
EBITDA (INR m)	5.0	3.2	0.6	1.4	3.9	4.7	4.0	4.4	10.3	17.0	3.8	5	538	5.0
EBITDA (%)	11.6	8.3	2.0	3.8	10.9	12.0	10.8	11.5	6.8	11.3	10.2	66	884	11.6
EBITDA/kg (INR)	24.1	17.8	3.9	7.1	19.9	21.2	18.7	20.5	13.6	20.1	17.6	6	385	24.1
Chemical Segment														
Sales Volume (ton)	278	296	284	286	292	306	299	303	1,144	1,200	300	(0)	5	(2)
YoY Change (%)	16.3	16.5	1.8	4.4	5.0	3.4	5.3	5.9	9.6	4.9				
Blended realization (INR/kg)	98	92	91	84	73	65	67	67	91	68	69	(3)	(27)	3
Net Sales (INR m)	27.3	27.1	25.8	24.0	21.5	19.9	20.0	20.4	104.2	81.7	20.7	(4)	(23)	0
YoY Change (%)	90.3	66.5	10.5	(3.6)	(21.5)	(26.6)	(22.7)	(14.8)	32.1	(21.6)				
EBITDA (INR m)	8.1	6.1	4.9	3.7	3.6	2.4	2.6	3.0	22.7	11.6	2.5	4	(46)	12
EBITDA (%)	29.5	22.5	18.9	15.3	16.7	11.9	13.2	14.5	21.8	14.1	12.3	90	(567)	136



Highlights from the management commentary

VSF segment

- VSF business is making new strides in the area of sustainability. The business has received first rank in Canopy's Hot Button Report 2023 with a rating of 'Dark Green Shirt'. The business has implemented the EU bet technology at Kharach Unit and achieved its feat of pioneering circular solutions in the fashion industry. It has made its first shipment of Lyocell fiber produced with recycled cotton waste for use in the textile value chain, and the response has been promising, with repeat orders.
- The Viscose business saw a strong YoY growth, partially due to a low base (as 3QFY23 was an exceptionally weak quarter). However, the realization was further hit by cheaper imports from China. VFY sales, which are used in embroidery and home furnishing, witnessed lower demand in 3QFY24.
- VSF plants' operating rate in China improved to 88% from 85% in 2QFY24, with a decline in inventory days (10 days in 3QFY24 vs. 12 in 2QFY24).
- VSF's capacity utilization was >95%, though the value chain is still concerned about poor realization amid higher inventory levels.
- The company sold 92% of VSF volumes in domestic markets vs. 90% in 2QFY24. Specialty fibers contributed 19% of total volumes (similar to last quarter).

Caustic Soda and advance material business

- International Caustic Soda spot prices (CFR SEA) increased 6% QoQ to USD444/t in 3QFY24. Prices had improved to USD488/t in Oct '23, but the quarter exit price declined to USD423/t. The sharp YoY decline in caustic prices appears to be bottoming out at current levels of about USD400 to USD450 level. However, the market remains oversupplied due to large capacity additions in FY23.
- The company has completed an expansion of specialty chemicals capacity (epoxy polymers and curing agents). It doubled the capacity to 246KTPA in Dec'23. This will enable it to meet the growing demand in value-added products and specialty chemicals. Chlorine integration will increase to ~70% from the current level of ~63%.

Paints business

- The Paints business has started trial production at three plants; Ludhiana, Cheyyar, and Panipat. The brand architecture under Bila Opus is complete and the full range of products will be launched in FY25. Each location has a capacity of ~200mlpa and one facility also has a capacity of 30mlpa of solvent paints.
- Management plans to roll out the Paints business gradually, starting with North and a few areas of South, and gradually rolling it out nation-wide.
- The sub-brand portfolios, across multiple categories of luxury, premium and economy segments and development work for design, package, artwork, consumer communication etc. have been completed.
- The supply chain, logistics, and distribution network is also in place to support the launch. It would offer a complete range of high-performance, superior products in the premium, midrange, and mass markets that are favorably placed across multiple price points.

The dealer onboarding has already commenced. It is largely onboarding existing paint dealers, but could also add new dealers as well.

Capex for the Paints business stands at INR60b till now (INR34b in 9MFY24).

B2B E-commerce (Birla Pivot)

Birla Pivot – B2B E-commerce achieved monthly revenue run-rate of INR1.2b in Dec'23. The private label 'Birla pivot tiles' are gaining good response and is now launching private label in plywood and doors categories.

Capex and debt position

- Capex in 3QFY24/9MFY24 stood at INR14.3b/44.6b, including INR10.9b/INR34b for the Paints business. The budgeted capex for FY24 is INR59.3b (including INR42.8b for the Paints business).
- Standalone net debt stood at INR57.3b vs. INR44.6b/INR17.8b in Sep'23/ Mar'23. The company maintains its guidance to keep the net debt/EBITDA below 3.5x, including the Paints business.

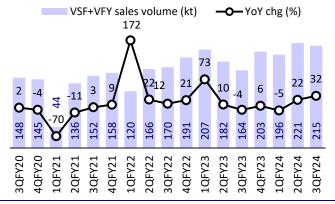
Exhibit 1: INR14.3b spent on expansion in 3QFY24 and estimated capex is at INR59b in FY24

Particulars (₹ Cr.)	Planned Capex FY24	Capex Spent Q3FY24	Capex Spo 9MFY24
Viscose Business	663	115	394
Capacity Expansion (including debottlenecking)	225	35	158
Modernisation and Maintenance Capex	438	80	236
Chemicals Business (A+B+C)	797	192	555
(A) Capacity Expansion - Chlor-Alkali & Chlorine Derivatives	272	59	158
Caustic Soda: (1,359 KTPA> 1,530 KTPA)	70	18	82
Chlorine Derivatives: (957 KTPA> 1,237 KTPA)	202	41	76
(B) Capacity Expansion - Speciality Chemicals Epoxy Polymers & Curing Agents: (123 KTPA → 246 KTPA)	170	42	124
(C) Modernisation and Maintenance Capex	355	91	273
New High Growth Businesses	4,342	1,092	3,422
Birla Opus (Decorative Paints)^	4,283	1,088	3,404
Birla Pivot (B2B E-commerce)	59	4	
Other Businesses Textiles, Insulators & Others	127	26	88
Total	5,929	1,425	4,459

Source: Company, MOFSL; Note: Budgeted capex is for running operations

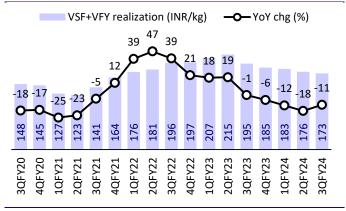
Story in charts

Exhibit 1: Volume of the VSF segment up 32% YoY



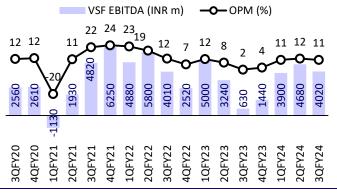
Source: Company, MOFSL

Exhibit 2: Blended realization of VSF segment down 11% YoY



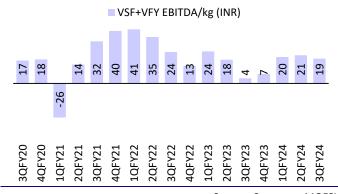
Source: Company, MOFSL

Exhibit 3: OPM of VSF segment up 8.8pp YoY on a low base...



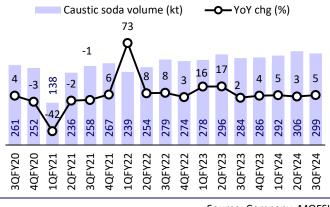
Source: Company, MOFSL

Exhibit 4: ...and EBITDA/kg increases to INR19 vs. INR4 YoY



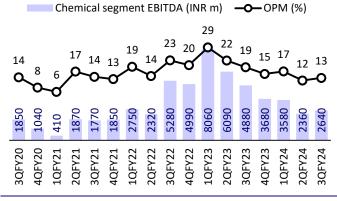
Source: Company, MOFSL

Exhibit 5: Caustic soda volumes up 5% YoY



Source: Company, MOFSL

Exhibit 6: OPM of the Chemical segment down 5.7pp YoY



Source: Company, MOFSL

Exhibit 7: Holding company discount at 39%; in line with the last three years' average



Source: Company, MOFSL

Exhibit 8: SoTP valuation

Particulars	Valuation method	Unit	FY26E	INR/share
UTCEM's m-cap based on TP		INR b	3,464	
Holding company discount		%	40	
GRASIM's stake		%	57	
Value of its cement stake		INR b	1,190	
Value/share	35% HoldCo discount to our TP	INR		1,810
Value of standalone business (excluding-Paint)		INR b	320	
Value/share	7x for the standalone business			486
Value of listed investments		INR b	107	
Holding company discount		%	40	
Assigned value to listed investments		INR b	64	
Value/share	35% HoldCo discount on the CMP	INR		98
VSF and Fiber JV		INR b	8	
Value/share	1x P/BV	INR		12
Standalone net debt		INR b	(63)	
Value/share		INR		(95)
ABCAP		INR b	463	
Holding company discount		%	40	
GRASIM's stake		%	53	
Value of ABCAP's stake in GRASIM		INR b	146	
Value/share	35% HoldCo discount on the CMP	INR		222
Paint Business	1x of invested capital	INR b	90	
Value/share		INR		137
SoTP-based TP		INR		2.670

Source: MOFSL, Company

Financials and valuations

Standalone Income Statement								(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Net Sales	2,05,504	1,86,094	1,23,864	2,08,568	2,68,397	2,53,434	2,90,748	3,11,809
Change (%)	30.2	(9.4)	(33.4)	68.4	28.7	(5.6)	14.7	7.2
Total Expenditure	1,64,793	1,62,989	1,08,220	1,76,407	2,36,598	2,29,698	2,63,290	2,76,375
EBITDA	40,712	23,105	15,643	32,162	31,799	23,736	27,458	35,434
Change (%)	32.2	(43.2)	(32.3)	105.6	(1.1)	(25.4)	15.7	29.0
Margin (%)	19.8	12.4	12.6	15.4	11.8	9.4	9.4	11.4
Depreciation	7,604	8,468	8,282	9,140	10,973	11,875	14,718	18,016
EBIT	33,108	14,638	7,362	23,022	20,826	11,861	12,740	17,418
Int. and Finance Charges	1,991	3,039	2,360	2,472	3,677	4,300	7,317	8,602
Other Income - Rec.	5,680	5,255	5,137	8,953	10,183	11,231	11,109	11,690
PBT & EO Items	36,797	16,854	10,139	29,503	27,333	18,791	16,531	20,506
Change (%)	32.1	(54.2)	(39.8)	191.0	(7.4)	(31.2)	(12.0)	24.0
Extra Ordinary (income)/expense	23,680	2,941	810	691	880	0	0	0
PBT but after EO Items	13,117	13,913	9,329	28,812	26,452	18,791	16,531	20,506
Tax	7,964	1,214	1,224	1,857	5,215	3,195	3,306	4,101
Tax Rate (%)	21.6	7.2	12.1	6.3	19.1	17.0	20.0	20.0
Reported PAT	5,153	12,700	8,105	26,955	21,237	15,597	13,225	16,405
PAT Adj for EO items	23,708	15,640	8,817	22,306	20,933	15,597	13,225	16,405
Change (%)	20.4	(34.0)	(43.6)	153.0	(6.2)	(25.5)	(15.2)	24.0
Margin (%)	11.5	8.4	7.1	10.7	7.8	6.2	4.5	5.3

Standalone Balance Sheet								(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Equity Share Capital	1,315	1,316	1,316	1,317	1,317	1,317	1,317	1,361
Employee Stock options		527	567	708	708	708	708	708
outstanding		527	307	708	708	708	708	708
Reserves	4,18,277	3,74,898	4,27,595	4,84,133	4,67,524	4,83,700	5,04,665	5,40,026
Net Worth	4,19,592	3,76,740	4,29,479	4,86,158	4,69,549	4,85,726	5,06,690	5,42,095
Loans	33,108	50,681	41,634	41,208	52,542	95,454	1,12,154	97,654
Deferred liabilities	18,789	14,025	17,339	18,414	15,348	15,348	15,348	15,348
Capital Employed	4,71,488	4,41,447	4,88,452	5,45,779	5,37,440	5,96,528	6,34,192	6,55,098
Gross Block	1,38,489	1,54,142	1,48,940	1,95,985	2,20,577	2,64,124	3,49,124	3,86,207
Less: Accum. Deprn.	26,166	33,310	39,302	47,435	58,408	70,283	85,001	1,03,017
Net Fixed Assets	1,12,322	1,20,832	1,09,637	1,48,549	1,62,169	1,93,840	2,64,123	2,83,190
Capital WIP	15,672	27,919	40,334	17,428	29,257	45,000	10,000	8,000
Non-Current Investments /Strategic	2,81,616	2,56,621	3,05,230	3,39,418	3,08,412	3,18,412	3,18,412	3,18,412
Current - Financial	29,931	20,504	41,553	47,490	30,556	30,556	30,556	30,556
Curr. Assets	78,398	69,070	46,827	73,477	91,378	92,501	97,555	1,05,576
Inventory	29,317	26,262	21,790	39,408	44,928	45,035	46,218	49,525
Account Receivables	34,916	29,053	13,120	16,904	15,973	16,441	17,145	18,985
Cash and Bank Balance	425	789	1,327	2,253	4,744	3,147	3,663	4,326
Others	13,741	12,965	10,590	14,912	25,734	27,878	30,529	32,740
Curr. Liability & Prov.	46,452	53,499	55,130	80,583	84,332	83,781	86,454	90,636
Account Payables	23,757	26,648	27,069	46,507	47,112	49,324	51,436	55,303
Provisions	4,604	5,514	3,250	3,419	3,866	3,802	4,361	4,677
Other Liabilities	18,091	21,337	24,811	30,656	33,353	30,656	30,656	30,656
Net Current Assets	31,947	15,571	-8,303	-7,105	7,046	8,720	11,102	14,939
Appl. of Funds	4,71,488	4,41,447	4,88,452	5,45,779	5,37,440	5,96,528	6,34,192	6,55,098

Financials and valuations

Standalone Ratios								
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Share price								
EPS	36.0	23.8	13.4	33.9	31.8	23.7	20.1	24.1
Cash EPS	47.6	36.6	26.0	47.8	48.5	41.7	42.4	50.6
BV/Share	638.0	572.7	652.6	738.4	713.1	737.7	769.5	796.6
DPS	6.2	7.0	9.0	10.0	10.0	6.0	6.0	6.5
Valuation								
P/E	60.2	91.2	161.9	64.0	68.2	91.6	108.0	90.0
Cash P/E	45.6	59.2	83.5	45.4	44.8	52.0	51.1	42.9
P/BV	3.4	3.8	3.3	2.9	3.0	2.9	2.8	2.7
EV/Sales*	0.4	0.6	0.6	0.3	0.3	0.5	0.5	0.4
EV/EBITDA*	1.8	4.4	4.5	1.9	2.7	4.2	3.7	2.8
Dividend Yield (%)	0.3	0.3	0.4	0.5	0.5	0.3	0.3	0.3
Return Ratios (%)								
RoE*	17.1	10.3	4.9	11.5	9.0	4.6	2.9	3.8
RoCE*	20.8	9.4	5.3	12.9	11.0	5.9	5.3	6.3
Working Capital Ratios								
Debtor (Days)	70	54	31	37	24	23	23	23
Asset Turnover (x)	0.4	0.4	0.3	0.4	0.5	0.4	0.5	0.5
Leverage Ratio								
Debt/Equity	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2

*calculated for standalone business

Standalone Cash Flow Statement								(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
OP/(Loss) before Tax	36,797	12,916	9,329	28,812	26,452	18,791	16,531	20,506
Depreciation	7,604	8,135	8,282	9,140	10,973	11,875	14,718	18,016
Interest & Finance Charges	(1,435)	(249)	(421)	(4,552)	(4,184)	(3,727)	(691)	116
Direct Taxes Paid	(5,123)	(2,183)	(1,786)	(6,502)	(4,071)	(3,195)	(3,306)	(4,101)
(Inc)/Dec in WC	(10,735)	12,611	9,350	132	(5,426)	(3,270)	(1,866)	(3,175)
CF from Operations	27,108	31,231	24,754	27,029	23,744	20,475	25,386	31,362
Others	(1,553)	1,919	(780)	(467)	(556)	-	-	-
CF from Operating incl EO	25,555	33,150	23,974	26,562	23,188	20,475	25,386	31,362
(Inc)/Dec in FA	(20,440)	(26,823)	(11,932)	(25,382)	(40,225)	(59,290)	(50,000)	(35,083)
Free Cash Flow	5,115	6,328	12,041	1,181	(17,036)	(38,815)	(24,614)	(3,721)
(Pur)/Sale of Investments	56	127	102	66	111	-	-	-
Others	(2,247)	(17,904)	(10,249)	(9,541)	18,211	(1,973)	8,008	8,486
CF from Investments	(22,631)	(44,600)	(22,079)	(34,857)	(21,902)	(61,263)	(41,992)	(26,598)
Issue of Shares	86	90	126	(425)	(902)	4,530	11,690	23,424
Inc/(Dec) in Debt	3,504	17,127	(9,384)	(583)	11,306	42,912	16,700	(14,500)
Interest Paid	(2,050)	(2,130)	(3,241)	(843)	(5,478)	(4,300)	(7,317)	(8,602)
Dividend Paid	(4,530)	(5,155)	(2,622)	(5,915)	(6,574)	(3,951)	(3,951)	(4,423)
Others	-	-	-	-	-	-	-	-
CF from Fin. Activity	(2,990)	9,932	(15,120)	(7,766)	(1,648)	39,191	17,122	(4,102)
Inc/Dec of Cash	(65)	(1,517)	(13,226)	(16,061)	(362)	(1,596)	516	663
Opening Balance	261	195	510	692	527	4,744	3,147	3,663
Add: Cash on amalgamation	-	1,832	13,408	15,895	-	-	-	-
Closing Balance	196	510	692	527	165	3,147	3,663	4,326

Investment in securities market are subject to market risks. Read all the related documents carefully before investing

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 be within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

Disclosures

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL),NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf

MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at www.nseindia.com, www.nseindia.com, www.nseindia.com, www.nseindia.com, www.nseindia.com, www.nseindia.com, <a href="www.nseindia.com, Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg. No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets Singapore Pte Ltd ("MOCMSPL") (Co. Reg. NO. 201129401Z) which is a holder of a capital markets services license and an exempt financial adviser in Singapore. Persons in Singapore should contact MOCMSPL in respect of any matter arising from, or in connection with this report/publication/communication. This report is distributed solely to persons who qualify as "Institutional Investors", of which some of whom may consist of "accredited" institutional investors as defined in section 4A(1) of the Securities and Futures Act of Singapore Accordingly, if a Singapore person is not, or ceases to be, such an investor, they must immediately discontinue any use of this Report and inform MOCMSPL.

Specific Disclosures

- MOFSL, Research Analyst and/or his relatives does not have financial interest in the subject company, as they do not have equity holdings in the subject company.
- MOFSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company
 MOFSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months
- 4 MOFSL, Research Analyst and/or his relatives do not have material conflict of interest in the subject company at the time of publication of research report
- 5 Research Analyst has not served as director/officer/employee in the subject company
- 6 MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- MOFSL has not received compensation for investment banking/ merchant banking/brokerage services from the subject company in the past 12 months
 MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
 MOFSL has not received any compensation or other benefits from third party in connection with the research report
- 10 MOFSL has not engaged in market making activity for the subject company

The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance.
- received compensation/other benefits from the subject company in the past 12 months
- any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.
- acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)
- received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.
- Served subject company as its clients during twelve months preceding the date of distribution of the research report.

The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

Disclaimer:

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability ansing from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

This report is meant for the clients of Motilal Oswal only.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263; www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000.

Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085.

Grievance Redressal Cell:

Chovanoe Nearcooki Coli.		
Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412 . AMFI: ARN .: 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance. Bond. NCDs and IPO products.

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.