

Tata Motors

 BSE SENSEX
 S&P CNX

 36,594
 10,768

CMP: INR108 TP: INR126 (+17%) Buy

TATA MOTORS

Stock Info

Bloomberg	TTMT IN
Equity Shares (m)	3,598
M.Cap.(INRb)/(USDb)	353.8 / 4.7
52-Week Range (INR)	202 / 64
1, 6, 12 Rel. Per (%)	-10/-33/-24
12M Avg Val (INR M)	7000
Free float (%)	57.6

Motilal Oswal values your support in the Asiamoney Brokers Poll 2020 for India Research, Sales and Trading team. We request your ballot.



Financials Snapshot (INR b)

Y/E March	2020	2021E	2022E
Net Sales	2,611	2,499	2,913
EBITDA	239.1	208.4	381.5
Adj. PAT	-90.9	-115.0	8.3
Adj. EPS (INR)	-25.3	-32.0	2.2
EPS Gr. (%)	NA	NA	NA
BV/Sh. (INR)	175.3	143.3	143.6
Ratios			
Net D/E (x)	1.6	1.9	1.8
RoE (%)	-14.8	-20.1	1.6
RoCE (%)	3.7	-0.3	1.5
Payout (%)	0.0	0.0	0.0
Valuations			
P/E (x)	NA	NA	NA
P/BV (x)	0.6	0.7	0.7
EV/EBITDA (x)	3.7	5.2	2.7
Div. Yield (%)	0.0	0.0	0.0
FCF Yield (%)	-8.2	-46.9	17.2

Shareholding pattern (%)

As On	Mar-20	Dec-19	Mar-19
Promoter	42.4	42.4	38.4
DII	13.6	15.1	16.3
FII	16.8	18.3	19.1
Others	27.2	24.2	26.2

FII Includes depository receipts

JLR - Wholesales decline 44.8% in 1QFY21

CJLR wholesales grow by 15%, reflecting robust recovery

- Jaguar Land Rover (JLR)'s wholesale volumes declined 44.8% YoY to ~65.4k units (v/s est.: ~49k) in 1QFY21, whereas volumes for the China JV grew ~15% YoY at ~16.5k units.
- Jaguar volumes fell ~54% YoY to ~18k units (our estimate: 15.6k), whereas Land Rover (LR) volumes contracted ~40% YoY to ~47.5k units (our estimate: 33.4k).
- JLR's 1QFY21 retail sales declined ~42% YoY to ~74k, with LR decreasing ~38% and Jaguar ~52.5%.
- Jun'20 retail sales fell ~25% YoY to 35.3k. This was the first month of retail for many markets, such as the UK. In Jun'20, China (-7.4% YoY) and North America (+2.2% YoY) were particularly encouraging. UK sales were down 31.8%, EU sales 52.5%, and RoW sales 33.1%.
- Over 95% of JLR's retailers worldwide have totally/partially restarted their operations by now; moreover, all of the company's plants have resumed manufacturing, with the exception of the Castle Bromwich facility, which would gradually start up again in August. All plants are operating on single shifts, with social distancing measures in place and production ramping up as demand increases.
- Post the resumption of operations, the Range Rover Sport, the new Range Rover Evoque, and the Land Rover Discovery Sport emerged as the best-selling vehicles. Customer response to the new Land Rover Defender has been overwhelmingly positive, and as retailers have come back on line, there has been a surge of interest in the Land Rover. Deliveries for the Defender have started to ramp up in the quarter, with 1,970 vehicles sold in June. This has come after operations only just resuming in the UK/Europe (May) and the US (June); China operations are scheduled to begin in July.
- JLR ended 1QFY21 with a stronger-than-expected cash position of nearly £2.7b (unaudited) and overall liquidity of around £4.6b, including the company's £1.9b revolving credit facility, which remains undrawn.
- Mr Felix Brautigam, Chief Commercial Officer, Jaguar Land Rover, stated, "While the COVID-19 pandemic continues to impact the global Auto industry, we are pleased to see initial green shoots of recovery. We are working alongside our retailers, planning for gradual recovery as lockdowns relax and economies respond. Through the quarter, we continued to introduce new and updated Jaguar and Land Rover vehicles to very positive response."
- The stock trades at 2.7x FY22 EV/EBITDA and 0.7x P/BV. Maintain Buy, with TP of ~INR126 (Jun'22-based SOTP).

Jinesh Gandhi – Research Analyst (Jinesh@MotilalOswal.com)

MOTILAL OSWAL

Company Sales	1QFY21	1QFY20	YoY (%) chg	4QFY20	QoQ (%) chg	FY21 YTD	FY20 YTD	(%) chg
JLR	65,425	118,550	-44.8	126,979	-48.5	525,402	565,306	-7.1
Jaguar	17,971	39,215	-54.2	32,940	-45.4	144,270	177,450	-18.7
Land rover	47,454	79,335	-40.2	94,039	-49.5	381,132	387,856	-1.7

TATA MOTORS: JLR [Retail]

Company Sales	1QFY21	1QFY20	YoY (%) chg	4QFY20	QoQ (%) chg	FY21 YTD	FY20 YTD	(%) chg
JLR	74,067	128,615	-42.4	109,869	-32.6	74,067	128,615	-42.4
Jaguar	18,787	39,540	-52.5	28,288	-33.6	18,787	39,540	-52.5
Land rover	55,280	89,075	-37.9	81,581	-32.2	55,280	89,075	-37.9

Region-wise Retail Sales

Region	1QFY21	1QFY20	YoY %	4QFY20	QoQ %	FY21 YTD	FY20 YTD	YoY %
North America	20,839	30,691	-32.1	28,476	-26.8	20,839	30,691	-32.1
UK	8,255	27,065	-69.5	28,237	-70.8	8,255	27,065	-69.5
Europe	11,540	28,214	-59.1	23,427	-50.7	11,540	28,214	-59.1
China	23,705	24,324	-2.5	12,154	95.0	23,705	24,324	-2.5
RoW	9,728	18,321	-46.9	17,575	-44.6	9,728	18,321	-46.9
Total JLR	74,067	128,615	-42.4	109,869	-32.6	74,067	128,615	-42.4

11 July 2020 2

MOTILAL OSWAL Tata Motors

Financials and valuations

Income Statement (Consolidated)							(INR m
Y/E March	2016	2017	2018	2019	2020	2021E	2022
Total Income	2,730,456	2,696,925	2,915,505	3,019,384	2,610,680	2,498,826	2,912,65
Change (%)	3.8	-1.2	8.1	3.6	-13.5	-4.3	16.0
Expenditure	2,312,693	2,327,802	2,577,462	2,721,436	2,371,537	2,290,449	2,531,157
EBITDA	417,763	369,124	338,043	297,948	239,143	208,377	381,500
% of Net Sales	15.3	13.7	11.6	9.9	9.2	8.3	13.1
Depreciation	167,108	179,050	215,536	235,906	214,254	239,855	261,489
EBIT	250,655	190,074	122,507	62,042	24,889	-31,478	120,011
Product Dev. Exp.	34,688	34,136	35,319	42,246	41,885	39,185	42,015
Interest	48,891	42,380	46,818	57,586	72,433	73,849	73,860
Other Income	8,854	7,545	39,576	29,653	29,732	26,752	24,200
EO Exp/(Inc)	18,504	-11,146	-19,751	296,516	28,714	0	(
Forex Gain/ (Loss)	-16,169	-39,101	11,853	-9,059	-17,387	-4,719	-9,580
PBT	141,258	93,148	111,550	-313,712	-105,800	-122,479	18,756
Tax	30,251	32,512	43,419	-24,375	3,953	-12,600	15,735
Effective Rate (%)	21.4	34.9	38.9	7.8	-3.7	10.3	83.9
Reported PAT	111,007	60,636	68,131	-289,337	-109,752	-109,879	3,022
Change (%)	-21.0	-45.4	12.4	-524.7	-62.1	0.1	-102.8
% of Net Sales	4.1	2.2	2.3	-9.6	-4.2	-4.4	0.1
Minority Interest	-989	-1,022	-1,025	-1,020	-956	-153	-274
Share of profit of associate	5,775	14,930	22,783	2,095	-10,000	-5,009	5,555
Net Profit	115,793	74,544	89,889	-288,262	-120,709	-115,041	8,303
Adj. PAT	130,334	67,288	77,826	-14,785	-90,921	-115,041	8,303
Change (%)	-7.2	-48.4	15.7	-119.0	515.0	26.5	-107.2
Balance Sheet (Cons.)							(INR m
	2016	2017	2018	2019	2020	2021E	
Y/E March Share Capital	6,792	6,792	6,792	6,792	7,195	7,196	20221
	782,732	573,827					7,659
Reserves			947,487	595,003	623,590	508,549	542,415
Net Worth	789,524	580,619	954,279	601,795	630,785	515,745	550,074
Loans	619,612	744,891	779,944	911,239	996,782	996,782	996,782
Deferred Tax	44,748	11,740	19,671	-36,601	-35,160	-35,160	-35,160
Capital Employed	1,458,212	1,341,781	1,759,144	1,481,664	1,600,542	1,485,655	1,520,257
Gross Fixed Assets	1,976,068	1,628,389	2,156,778	2,258,724	2,601,413	2,961,143	3,240,005
Less: Depreciation	911,348	675,681	917,952	1,153,858	1,368,113	1,607,967	1,869,456
Net Fixed Assets	1,064,720	952,708	1,238,826	1,104,866	1,233,301	1,353,176	1,370,549
Capital WIP	259,189	336,988	400,335	318,838	356,223	250,000	250,000
Goodwill	7,598	6,733	1,165	7,478	7,771	7,771	7,771
Investments	237,670	203,379	208,128	157,707	163,085	46,336	51,89
	4 400 000	4 000 000	4 400 46-	4 404 565	4 400 055	4 4 4 9 9 9 5	

Appl. of Funds
E: MOFSL Estimates

Net Current Assets

Curr.Assets

Sundry Debtors

Cash & Bank Bal.

Loans & Advances

Sundry Creditors

Other Liabilities

Current Liab. & Prov.

Inventory

11 July 2020 3

1,102,234

326,557

135,709

304,604

254,033

615,618

460,226

-110,965

1,458,212

1,213,200

1,237,735

350,853

140,756

360,779

291,474

625,326

622,314

-158,027

1,341,782

1,395,762

1,423,465

421,377

198,933

346,139

445,929

769,398

538,766

-89,309

1,759,144

1,512,775

1,431,544

390,137

189,962

326,488

512,867

716,907

601,347

-107,226

1,481,664

1,538,770

1,406,255

374,569

111,727

337,270

569,741

663,982

651,452

-159,837

1,600,542

1,566,092

1,142,824

273,844

136,922

249,369

469,741

629,841

513,457

-171,627

1,485,655

1,314,451

1,332,285

335,155

159,598

321,843

502,741

718,189

574,552

-159,953

1,520,257

1,492,238

MOTILAL OSWAL

Financials and valuations

Y/E March	2016	2017	2018	2019	2020	2021E	2022E
Basic (INR)							
EPS	38.4	19.8	22.9	-4.4	-25.3	-32.0	2.2
EPS Fully Diluted	38.4	19.8	22.9	-4.4	-25.3	-32.0	2.2
EPS Growth (%)	-12.0	-48.4	15.7	-119.0	480.5	26.5	-106.8
Cash EPS	87.6	72.5	86.4	65.1	34.3	34.7	70.5
Book Value (Rs/Share)	232.5	171.0	281.0	177.2	175.3	143.3	143.6
DPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Payout (Incl. Div. Tax) %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Valuation (x)							
Consolidated P/E	2.8	5.4	4.7	-24.6	-4.2	-3.3	49.3
EV/EBITDA	1.1	1.5	1.7	2.7	3.7	5.2	2.7
EV/Sales	0.2	0.2	0.2	0.3	0.3	0.4	0.4
Price to Book Value	0.5	0.6	0.4	0.6	0.6	0.7	0.7
Dividend Yield (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Profitability Ratios (%)	2.0				2.0		
RoE	19.3	9.8	10.1	-1.9	-14.8	-20.1	1.6
RoCE	15.1	9.2	6.4	5.2	3.7	-0.3	1.5
RoIC	34.5	22.6	12.0	7.7	3.6	-3.4	2.1
Turnover Ratios				,	0.0		
Debtors (Days)	18	19	25	23	16	20	20
Inventory (Days)	44	47	53	47	52	40	42
Creditors (Days)	82	85	96	87	93	92	90
Asset Turnover (x)	1.9	2.0	1.7	2.0	1.6	1.7	1.9
Leverage Ratio					2.0		
Debt/Equity (x)	0.8	1.3	0.8	1.5	1.6	1.9	1.8
Cash Flow Statement							
Y/E March	2016	2017	2040		2020		
1/E IVIAI CII	2010	2017	2018	2019	2020	2021E	2022E
OP/(Loss) before Tax	110,238	75,566	90,914	-287,242	-119,752	-115,041	
•							8,303
OP/(Loss) before Tax	110,238	75,566	90,914	-287,242	-119,752	-115,041	8,303 24,200
OP/(Loss) before Tax Int/Div. Received	110,238 8,258	75,566 36,653	90,914 39,542	-287,242 -4,413	-119,752 -11,913	-115,041 26,752	
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid	110,238 8,258 170,142	75,566 36,653 179,050	90,914 39,542 215,536	-287,242 -4,413 235,906	-119,752 -11,913 214,254	-115,041 26,752 239,855	8,303 24,200 261,489 -15,735
OP/(Loss) before Tax Int/Div. Received Depreciation	110,238 8,258 170,142 -19,939	75,566 36,653 179,050 -18,951	90,914 39,542 215,536 -30,212	-287,242 -4,413 235,906 -26,594	-119,752 -11,913 214,254 -17,489	-115,041 26,752 239,855 12,600	8,303 24,200 261,489 -15,735 60,800
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC Other Items	110,238 8,258 170,142 -19,939 25,515	75,566 36,653 179,050 -18,951 32,542	90,914 39,542 215,536 -30,212 -64,337	-287,242 -4,413 235,906 -26,594 -72,123	-119,752 -11,913 214,254 -17,489 50,636	-115,041 26,752 239,855 12,600 -76,111 153	8,303 24,200 261,489 -15,735 60,800 274
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC	110,238 8,258 170,142 -19,939 25,515 96,855	75,566 36,653 179,050 -18,951 32,542 8,954	90,914 39,542 215,536 -30,212 -64,337 23,333	-287,242 -4,413 235,906 -26,594 -72,123 64,994	-119,752 -11,913 214,254 -17,489 50,636 125,105	-115,041 26,752 239,855 12,600 -76,111	8,303 24,200 261,489 -15,735 60,800
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC Other Items CF from Op Activity Extra-ordinary Items	110,238 8,258 170,142 -19,939 25,515 96,855 391,069 8,857	75,566 36,653 179,050 -18,951 32,542 8,954 313,814 -11,822	90,914 39,542 215,536 -30,212 -64,337 23,333 274,776 -36,202	-287,242 -4,413 235,906 -26,594 -72,123 64,994 -89,472 278,379	-119,752 -11,913 214,254 -17,489 50,636 125,105 240,841 25,488	-115,041 26,752 239,855 12,600 -76,111 153 88,208 0	8,303 24,200 261,489 -15,735 60,800 274 339,332 0
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC Other Items CF from Op Activity Extra-ordinary Items CF after EO Items	110,238 8,258 170,142 -19,939 25,515 96,855 391,069 8,857 399,925	75,566 36,653 179,050 -18,951 32,542 8,954 313,814 -11,822 301,992	90,914 39,542 215,536 -30,212 -64,337 23,333 274,776 -36,202 238,574	-287,242 -4,413 235,906 -26,594 -72,123 64,994 -89,472 278,379 188,908	-119,752 -11,913 214,254 -17,489 50,636 125,105 240,841 25,488 266,329	-115,041 26,752 239,855 12,600 -76,111 153 88,208 0 88,208	8,303 24,200 261,489 -15,735 60,800 274 339,332 0
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC Other Items CF from Op Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP	110,238 8,258 170,142 -19,939 25,515 96,855 391,069 8,857 399,925 -326,232	75,566 36,653 179,050 -18,951 32,542 8,954 313,814 -11,822 301,992 -304,135	90,914 39,542 215,536 -30,212 -64,337 23,333 274,776 -36,202 238,574 -350,486	-287,242 -4,413 235,906 -26,594 -72,123 64,994 -89,472 278,379 188,908 -352,363	-119,752 -11,913 214,254 -17,489 50,636 125,105 240,841 25,488 266,329 -295,306	-115,041 26,752 239,855 12,600 -76,111 153 88,208 0 88,208 -253,507	261,489 -15,735 60,800 274 339,332 0 339,332 -278,862
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC Other Items CF from Op Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow	110,238 8,258 170,142 -19,939 25,515 96,855 391,069 8,857 399,925 -326,232 73,693	75,566 36,653 179,050 -18,951 32,542 8,954 313,814 -11,822 301,992 -304,135 -2,143	90,914 39,542 215,536 -30,212 -64,337 23,333 274,776 -36,202 238,574 -350,486 -111,912	-287,242 -4,413 235,906 -26,594 -72,123 64,994 -89,472 278,379 188,908 -352,363 -163,455	-119,752 -11,913 214,254 -17,489 50,636 125,105 240,841 25,488 266,329 -295,306 -28,976	-115,041 26,752 239,855 12,600 -76,111 153 88,208 0 88,208 -253,507 -165,299	8,303 24,200 261,489 -15,735 60,800 274 339,332 0 339,332 -278,862 60,470
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC Other Items CF from Op Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP	110,238 8,258 170,142 -19,939 25,515 96,855 391,069 8,857 399,925 -326,232 73,693 -68,134	75,566 36,653 179,050 -18,951 32,542 8,954 313,814 -11,822 301,992 -304,135 -2,143 -76,664	90,914 39,542 215,536 -30,212 -64,337 23,333 274,776 -36,202 238,574 -350,486 -111,912 86,031	-287,242 -4,413 235,906 -26,594 -72,123 64,994 -89,472 278,379 188,908 -352,363 -163,455 157,691	-119,752 -11,913 214,254 -17,489 50,636 125,105 240,841 25,488 266,329 -295,306 -28,976 -46,397	-115,041 26,752 239,855 12,600 -76,111 153 88,208 0 88,208 -253,507 -165,299 116,749	8,303 24,200 261,489 -15,735 60,800 274 339,332 0 339,332 -278,862 60,470 -5,555
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC Other Items CF from Op Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow (Pur)/Sale of Invest. CF from Inv Activity	110,238 8,258 170,142 -19,939 25,515 96,855 391,069 8,857 399,925 -326,232 73,693 -68,134 -394,366	75,566 36,653 179,050 -18,951 32,542 8,954 313,814 -11,822 301,992 -304,135 -2,143 -76,664 -380,799	90,914 39,542 215,536 -30,212 -64,337 23,333 274,776 -36,202 238,574 -350,486 -111,912 86,031 -264,456	-287,242 -4,413 235,906 -26,594 -72,123 64,994 -89,472 278,379 188,908 -352,363 -163,455 157,691 -194,672	-119,752 -11,913 214,254 -17,489 50,636 125,105 240,841 25,488 266,329 -295,306 -28,976 -46,397 -341,702	-115,041 26,752 239,855 12,600 -76,111 153 88,208 0 88,208 -253,507 -165,299 116,749 -136,758	8,303 24,200 261,489 -15,735 60,800 274 339,332 0 339,332 -278,862 60,470 -5,555 -284,417
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC Other Items CF from Op Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow (Pur)/Sale of Invest. CF from Inv Activity Issue of Shares	110,238 8,258 170,142 -19,939 25,515 96,855 391,069 8,857 399,925 -326,232 73,693 -68,134 -394,366 74,332	75,566 36,653 179,050 -18,951 32,542 8,954 313,814 -11,822 301,992 -304,135 -2,143 -76,664 -380,799	90,914 39,542 215,536 -30,212 -64,337 23,333 274,776 -36,202 238,574 -350,486 -111,912 86,031 -264,456 0	-287,242 -4,413 235,906 -26,594 -72,123 64,994 -89,472 278,379 188,908 -352,363 -163,455 157,691 -194,672	-119,752 -11,913 214,254 -17,489 50,636 125,105 240,841 25,488 266,329 -295,306 -28,976 -46,397 -341,702 38,888	-115,041 26,752 239,855 12,600 -76,111 153 88,208 0 88,208 -253,507 -165,299 116,749	8,303 24,200 261,489 -15,735 60,800 274 339,332 0 339,332 -278,862 60,470 -5,555
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC Other Items CF from Op Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow (Pur)/Sale of Invest. CF from Inv Activity Issue of Shares Inc/(Dec) in Debt	110,238 8,258 170,142 -19,939 25,515 96,855 391,069 8,857 399,925 -326,232 73,693 -68,134 -394,366 74,332 -47,483	75,566 36,653 179,050 -18,951 32,542 8,954 313,814 -11,822 301,992 -304,135 -2,143 -76,664 -380,799 46 116,583	90,914 39,542 215,536 -30,212 -64,337 23,333 274,776 -36,202 238,574 -350,486 -111,912 86,031 -264,456 0 75,183	-287,242 -4,413 235,906 -26,594 -72,123 64,994 -89,472 278,379 188,908 -352,363 -163,455 157,691 -194,672 0 159,302	-119,752 -11,913 214,254 -17,489 50,636 125,105 240,841 25,488 266,329 -295,306 -28,976 -46,397 -341,702 38,888 81,318	-115,041 26,752 239,855 12,600 -76,111 153 88,208 0 88,208 -253,507 -165,299 116,749 -136,758 1 0	8,303 24,200 261,489 -15,735 60,800 274 339,332 0 339,332 -278,862 60,470 -5,555 -284,417 26,025
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC Other Items CF from Op Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow (Pur)/Sale of Invest. CF from Inv Activity Issue of Shares Inc/(Dec) in Debt Interest Paid	110,238 8,258 170,142 -19,939 25,515 96,855 391,069 8,857 399,925 -326,232 73,693 -68,134 -394,366 74,332 -47,483 -57,039	75,566 36,653 179,050 -18,951 32,542 8,954 313,814 -11,822 301,992 -304,135 -2,143 -76,664 -380,799 46 116,583 -53,363	90,914 39,542 215,536 -30,212 -64,337 23,333 274,776 -36,202 238,574 -350,486 -111,912 86,031 -264,456 0 75,183 -54,106	-287,242 -4,413 235,906 -26,594 -72,123 64,994 -89,472 278,379 188,908 -352,363 -163,455 157,691 -194,672 0 159,302 -70,051	-119,752 -11,913 214,254 -17,489 50,636 125,105 240,841 25,488 266,329 -295,306 -28,976 -46,397 -341,702 38,888 81,318 -75,184	-115,041 26,752 239,855 12,600 -76,111 153 88,208 0 88,208 -253,507 -165,299 116,749 -136,758 1 0 -73,849	8,303 24,200 261,489 -15,735 60,800 274 339,332 0 339,332 -278,862 60,470 -5,555 -284,417 26,025
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC Other Items CF from Op Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow (Pur)/Sale of Invest. CF from Inv Activity Issue of Shares Inc/(Dec) in Debt Interest Paid Dividends Paid	110,238 8,258 170,142 -19,939 25,515 96,855 391,069 8,857 399,925 -326,232 73,693 -68,134 -394,366 74,332 -47,483 -57,039 -1,739	75,566 36,653 179,050 -18,951 32,542 8,954 313,814 -11,822 301,992 -304,135 -2,143 -76,664 -380,799 46 116,583 -53,363 -1,212	90,914 39,542 215,536 -30,212 -64,337 23,333 274,776 -36,202 238,574 -350,486 -111,912 86,031 -264,456 0 75,183 -54,106 -960	-287,242 -4,413 235,906 -26,594 -72,123 64,994 -89,472 278,379 188,908 -352,363 -163,455 157,691 -194,672 0 159,302 -70,051 -947	-119,752 -11,913 214,254 -17,489 50,636 125,105 240,841 25,488 266,329 -295,306 -28,976 -46,397 -341,702 38,888 81,318 -75,184 -568	-115,041 26,752 239,855 12,600 -76,111 153 88,208 0 88,208 -253,507 -165,299 116,749 -136,758 1 0 -73,849 0	8,303 24,200 261,489 -15,735 60,800 274 339,332 0 339,332 -278,862 60,470 -5,555 -284,417 26,025 0 -73,860 0
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC Other Items CF from Op Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow (Pur)/Sale of Invest. CF from Inv Activity Issue of Shares Inc/(Dec) in Debt Interest Paid Dividends Paid CF from Fin Activity	110,238 8,258 170,142 -19,939 25,515 96,855 391,069 8,857 399,925 -326,232 73,693 -68,134 -394,366 74,332 -47,483 -57,039 -1,739 -31,930	75,566 36,653 179,050 -18,951 32,542 8,954 313,814 -11,822 301,992 -304,135 -2,143 -76,664 -380,799 46 116,583 -53,363 -1,212 62,053	90,914 39,542 215,536 -30,212 -64,337 23,333 274,776 -36,202 238,574 -350,486 -111,912 86,031 -264,456 0 75,183 -54,106 -960 20,117	-287,242 -4,413 235,906 -26,594 -72,123 64,994 -89,472 278,379 188,908 -352,363 -163,455 157,691 -194,672 0 159,302 -70,051 -947 88,304	-119,752 -11,913 214,254 -17,489 50,636 125,105 240,841 25,488 266,329 -295,306 -28,976 -46,397 -341,702 38,888 81,318 -75,184 -568 44,453	-115,041 26,752 239,855 12,600 -76,111 153 88,208 0 88,208 -253,507 -165,299 116,749 -136,758 1 0 -73,849 0 -73,848	8,303 24,200 261,489 -15,735 60,800 274 339,332 0 339,332 -278,862 60,470 -5,555 -284,417 26,025 0 -73,860 0 -47,835
OP/(Loss) before Tax Int/Div. Received Depreciation Direct Taxes Paid (Inc)/Dec in WC Other Items CF from Op Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow (Pur)/Sale of Invest. CF from Inv Activity Issue of Shares Inc/(Dec) in Debt Interest Paid Dividends Paid	110,238 8,258 170,142 -19,939 25,515 96,855 391,069 8,857 399,925 -326,232 73,693 -68,134 -394,366 74,332 -47,483 -57,039 -1,739	75,566 36,653 179,050 -18,951 32,542 8,954 313,814 -11,822 301,992 -304,135 -2,143 -76,664 -380,799 46 116,583 -53,363 -1,212	90,914 39,542 215,536 -30,212 -64,337 23,333 274,776 -36,202 238,574 -350,486 -111,912 86,031 -264,456 0 75,183 -54,106 -960	-287,242 -4,413 235,906 -26,594 -72,123 64,994 -89,472 278,379 188,908 -352,363 -163,455 157,691 -194,672 0 159,302 -70,051 -947	-119,752 -11,913 214,254 -17,489 50,636 125,105 240,841 25,488 266,329 -295,306 -28,976 -46,397 -341,702 38,888 81,318 -75,184 -568	-115,041 26,752 239,855 12,600 -76,111 153 88,208 0 88,208 -253,507 -165,299 116,749 -136,758 1 0 -73,849 0	8,303 24,200 261,489 -15,735 60,800 274 339,332 0 339,332 -278,862 60,470 -5,555 -284,417 26,025 0 -73,860

E: MOFSL Estimates

11 July 2020 4

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.

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, Investment Advisory Services, Depository participant services & distribution of various financial products. MOFSL is a subsidiary company of Passionate Investment Management Pvt. Ltd.. (PIMPL). 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 //galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at 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.

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 brokerdealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this

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 As per the approved agreement under Paragraph 9 of Third Schedule of Securities and Futures Act (CAP 289) and Paragraph 11 of First Schedule of Financial Advisors Act (CAP 110) provided to MOCMSPL by Monetary Authority of 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, Chapter 289 of Singapore ("the SFA"). Accordingly, if a Singapore person is not or ceases to be such an institutional investor, such Singapore Person 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
- 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
- Research Analyst has not served as director/officer/employee in the subject company
- 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 any compensation or other benefits from third party in connection with the research report
- MOFSL has not engaged in market making activity for the subject company

11 July 2020 5 MOTILAL OSWAL Tata Motors

The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company
- received compensation/other benefits from the subject company in the past 12 months
- 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.

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 arising 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.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 71934200/ 022-71934263; Website www.motilaloswal.com. CIN no.: L67190MH2005PLC153397. Correspondence Office Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad(West), Mumbai-400 064. Tel No: 022 7188 1000.

Registration Nos.: Motilal Oswal Financial Services Limited (MOFSL)*: INZ000158836(BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412. AMFI: ARN - 146822; Investment Adviser: INA000007100; Insurance Corporate Agent: CA0579;PMS:INP000006712. Motilal Oswal Asset Management Company Ltd. (MOAMC): PMS (Registration No.: INP000000670); PMS and Mutual Funds are offered through MOAMC which is group company of MOFSL. Motilal Oswal Financial Services Limited is a distributor of Mutual Funds, PMS, Fixed Deposit, Bond, NCDs,Insurance Products and IPOs.Real Estate is offered through Motilal Oswal Real Estate Investment Advisors II Pvt. Ltd. which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. Ltd which is a group company of MOFSL. Research & Advisory services is backed by proper research. Please read the Risk Disclosure Document prescribed by the Stock Exchanges carefully before investing. There is no assurance or guarantee of the returns. Investment in securities market is subject to market risk, read all the related documents carefully before investing. Details of Compliance Officer: Name: Neeraj Agarwal, Email ID: na@motilaloswal.com, Contact No.:022-71881085.

* 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.

11 July 2020 6