

TATA Motors

Estimate change	↓
TP change	↔
Rating change	↔

Bloomberg	TTMT IN
Equity Shares (m)	3681
M.Cap.(INRb)/(USDb)	2605.3 / 30.5
52-Week Range (INR)	1179 / 536
1, 6, 12 Rel. Per (%)	11/-14/-37
12M Avg Val (INR M)	12499

Financials & Valuations (INR b)

Y/E March	2025	2026E	2027E
Net Sales	4,397	4,401	4,688
EBITDA	551.3	516.3	554.2
Adj. PAT	232.6	187.1	191.2
Adj. EPS (INR)	63.2	50.8	52.0
EPS Gr. (%)	8	-20	2
BV/Sh. (INR)	315.6	361.4	407.3

Ratios

Net D/E (x)	0.1	0.1	0.1
RoE (%)	23.1	15.0	13.5
RoCE (%)	14.2	11.3	10.8
Payout (%)	9.6	9.9	11.6

Valuations

P/E (x)	11.2	13.9	13.6
P/BV (x)	2.2	2.0	1.7
EV/EBITDA (x)	4.4	4.6	4.1
Div. Yield (%)	0.9	0.7	0.9

Shareholding pattern (%)

As On	Mar-25	Dec-24	Mar-24
Promoter	42.6	42.6	46.4
DII	17.2	16.9	16.1
FII	17.8	18.7	19.2
Others	22.4	21.9	18.3

FII Includes depository receipts

CMP: INR708 **TP: INR690 (-3%)** **Neutral**

Outlook marred by multiple headwinds

Demand outlook remains weak across its business segments

- TTMT 4QFY25 performance was in line with our estimates, with consol EBITDA margin at 13.9%, down 30bp YoY. While JLR and PV business margins were in line, CV segment margins missed estimates due to higher employee and product development costs.
- JLR is facing multiple headwinds, which include: 1) tariff-led uncertainty for exports to the US, 2) demand weakness in key regions like Europe and China, and 3) rising VME, warranty and emission costs. As a result, we expect margin pressure to persist for JLR and factor in a 100bp margin decline over FY25-27E. Even in India, both CV and PV businesses are seeing moderation in demand. Given these headwinds, we have lowered our earnings estimates for TTMT by 12%/5% for FY26/FY27. For the lack of any triggers, we reiterate Neutral with FY27E SOTP-based TP of INR690.

4Q performance in line; facing multiple headwinds

- **Consolidated business:** TTMT 4QFY25 performance was in line with our estimates, with consol. EBITDA margin at 13.9%, down 30bp YoY. Consolidated PAT came in at INR89b vs. our estimate of INR84b.
- **JLR:** JLR 4Q operational performance was largely in line with our estimates, with EBITDA margin at 15.3% vs. our estimate of 15%. In fact, EBITDA was 5% below our estimates due to a miss on revenue. For FY25, JLR margins declined 160bp YoY to 14.3%. Margins were down YoY despite a strong product mix due to higher VME and warranty costs. JLR delivered FCF of GBP1.5b in FY25 (post capex of GBP3.8b). FY25 RoCE fell 190bp YoY to 19.4%.
- **TTMT CV business:** CV segment margins remained stable YoY in 4Q at 12.2% but were below our estimate of 12.8%. CV margins remained stable QoQ despite 10% volume growth. Margins were impacted by higher employee costs and higher product development expenses. For FY25, CV segment margins improved 100bp to 11.8%. Margin improvement was driven by pricing discipline and 20bp benefit received from PLI incentives.
- **TTMT PV business:** TTMT's PV segment margins have remained stable QoQ in 4Q at 7.9%, in line with our estimate. For FY25, PV segment margins improved 40bp YoY to 6.9%. Full-year margins were boosted (+70bp) by INR2.5b worth of PLI incentives. For FY25, PV ICE margins declined 70bp YoY to 8.1%, while EV margins improved to 1.2% (from -7.1%) YoY.

Highlights from the management commentary

- **JLR:** JLR is currently facing significant uncertainty due to the tariffs levied by the US globally on automobiles. While the US-UK FTA has been a welcome agreement and helps to lower tariffs, the tariff on JLR made vehicles exported to the US is expected to still rise to 10% from the current 2.5%. Further, in the absence of any trade deal between Europe and the US, JLR cars produced in Slovakia (Defender and Discovery) could face 27.5% duty when exported to the US. Given the multiple headwinds, management has refrained from giving any guidance for JLR for FY26 and beyond.

- **Indian CV:** Given favorable demand indicators, management expects the CV industry to post single-digit growth in FY26. Within this, management expects MHCV and bus segments to do better than ILCVs and SCVs.
- **Indian PV:** Industry demand for FY26 is likely to remain moderate, as in FY25. TTMT would target to outperform the industry on the back of its new launches, which include: 1) mid-cycle upgrade of Altroz to be launched this month and the recently launched upgrade of Tiago; 2) full-year ramp-up of Curvv and Nexon CNG; 3) Safari and Harrier with multi-powertrain options, including gasoline; 4) Sierra ICE launch; and 5) Harrier + Sierra EV launch.
- The demerger of PV and CV businesses is on track with the appointed date for the same as 1st Jul'25, subject to all approvals.

Valuation and view

- JLR is facing multiple headwinds, which include: 1) tariff-led uncertainty for exports to the US; 2) demand weakness in key regions like Europe and China; and 3) rising VME, warranty and emission costs. As a result, management has refrained from giving any guidance for FY26 and beyond. We expect margin pressure to persist for JLR and factor in 100bp margin decline over FY25-27E.
- Even in India, both CV and PV businesses are seeing moderation in demand. Given these headwinds, we have lowered our earnings estimates for TTMT by 12%/5% over FY26/FY27. For the lack of any triggers, we reiterate Neutral with FY27E SOTP-based TP of INR690.

Quarterly Performance [Consol]

INR b	FY24				FY25				FY24	FY25	4Q	Var (%)
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q				
JLR Volumes (incl JV; '000 units)	106.3	109.1	113.9	120.6	110.5	97.2	111.2	115.5	450.0	434.4	124.6	-7.3
JLR Realizations (GBP/unit)	74,024	70,824	72,989	71,331	74,400	74,167	71,686	69,355	72,252	72,240	72,025	
JLR EBITDA Margins (%)	16.3	14.9	16.2	16.3	15.8	11.7	14.2	15.3	15.9	14.3	15.0	
India CV Volumes ('000 units)	88.6	106.8	98.8	111.3	93.7	86.0	98.4	108.2	405.5	386.3	108.2	0.0
India CV Realizations (INR '000/unit)	1925.4	1887.2	2042.9	1943.9	1910.1	2014.9	1896.6	1991.4	1949.5	1948.8	2,036	
India CV EBITDA Margins (%)	9.4	10.4	11.1	11.9	11.6	10.7	12.2	12.2	10.8	11.7	12.8	
India PV Volumes ('000 units)	140.4	139.0	138.6	155.6	138.8	130.5	139.8	147.0	573.6	556.1	147.0	0.0
India PV Realizations (INR '000/unit)	921.8	880.9	938.1	931.7	856.8	903.1	902.2	870.4	918.7	882.5	903	
India PV EBITDA Margins (%)	5.2	6.4	6.5	7.3	5.8	6.2	7.6	7.8	6.4	6.9	7.3	
Net Consol. Op Income	1022.4	1051.3	1105.8	1199.9	1080.5	1014.5	1135.8	1195.0	4379.3	4397.0	1262.8	-5.4
Growth (%)	42.1	32.1	25.0	13.3	5.7	-3.5	2.7	-0.4	26.6	0.4	5.2	
Consol. EBITDA	135.6	137.2	153.3	169.9	155.1	117.4	130.3	166.3	596.1	551.3	172.0	-3.3
EBITDA Margins (%)	13.3	13.1	13.9	14.2	14.4	11.6	11.5	13.9	13.6	12.5	13.6	
Depreciation	66.3	66.4	68.5	71.5	65.7	60.1	54.1	53.0	272.7	232.6	56.0	
Other Income	13.6	16.3	15.0	14.6	15.8	15.7	17.9	15.1	59.5	62.4	14.3	
Interest Expenses	26.2	27.0	24.8	22.3	20.9	20.3	17.3	10.8	100.3	50.8	18.7	
PBT before EO	53.3	61.1	75.8	92.1	87.0	56.9	77.4	119.4	282.3	339.6	111.6	7.0
EO Exp/(Inc)	6.8	1.2	0.9	-87.0	-0.4	0.0	0.3	5.5	-78.12	5.31	0.00	
PBT after EO Exp	46.5	59.9	74.9	179.1	87.4	56.9	77.1	113.9	360.4	334.3	111.6	
Tax rate (%)	33.6	36.8	7.2	3.5	36.4	40.8	27.2	25.9	13.7	31.4	24.2	
PAT	30.9	37.8	69.5	172.8	55.6	33.7	56.2	84.4	311.1	229.3	84.6	
Minority Interest	-1.0	-0.7	-1.2	-1.2	-1.3	-1.1	-1.3	-0.9	-4.1	-3.2	-1.4	
Share in profit of Associate	2.1	0.5	1.9	2.5	1.3	0.8	-0.4	1.1	7.0	2.9	0.4	
Reported PAT	32.0	37.6	70.3	174.1	55.7	33.4	54.5	84.7	314.0	228.9	83.6	1.3
Adj PAT	37.9	38.7	71.0	77.3	55.4	33.4	54.7	88.9	224.9	232.6	83.6	
Growth (%)	-158.3	-407.9	140.1	37.4	46.2	-13.6	-23.0	15.1	2629.7	3.4	8.2	



JLR: Key takeaways from the management commentary

Result Highlights – JLR

- JLR 4Q operational performance was largely in line with our estimates, with EBITDA margin coming in at 15.3% vs. our estimate of 15%. In fact, EBITDA was 5% below our estimates due to a miss on revenues.
- Revenue was 7% lower than our estimate at GBP7.7b due to lower ASP, which was impacted by adverse mix. The contribution of top 3 models (RR, RR Sport and Defender) fell to 66% in 4Q from 70% QoQ.
- One of the key factors that led to sustained margin pressure in 4Q was a sharp rise in VME to 5% for 4Q from 2.6% YoY.
- For FY25, JLR margins declined 160bp YoY to 14.3%. Margins were down YoY despite a strong product mix due to higher VME and higher warranty costs.
- JLR delivered FCF of GBP1.3b for 4Q and of GBP1.5b for FY25 (post capex of GBP3.8b).
- Overall, RoCE for FY25 reduced 190bp YoY to 19.4%.
- JLR now has net cash of GBP278m as of FY25 vs. net debt of GBP1.1b in Q3FY25.

Outlook – JLR

- JLR is currently facing significant uncertainty due to the tariffs levied by the US globally on automobiles.
- While the US-UK FTA has been a welcome agreement and helps to lower tariff from the earlier proposed levels, the tariff on JLR-made vehicles exported to the US is expected to still rise to 10% from the current level of 2.5%.
- Further, in the absence of any trade deal between Europe and the US, JLR cars produced in Slovakia (Defender and Discovery) are likely to face 27.5% duty when exported to the US.
- It is important to remember that North America has been the fastest growing market for JLR in FY25 (up 22%), at a time when other markets were seeing weak demand. As a result, contribution of North America to JLR sales for FY25 increased to 32% from 26% YoY. With this sharp increase in tariffs, we expect demand for JLR vehicles in the US to taper down, at least in the near term.
- We also note that JLR (like other OEMs) had pushed vehicles to the US in 4Q in order to get dealer stocks in place ahead of the tariff implementation. This would mean that 1Q wholesales are likely to be weak.
- Further, China demand continues to be under pressure.
- Management has indicated that beyond tariffs, there continue to be few cost headwinds to monitor, which include rising VME and emission costs.
- While JLR has delivered on its FY25 commitments, it is likely to be very difficult to sustain margins at current levels in such adverse global macro. Given the multiple headwinds, management has refrained from giving any guidance for JLR for FY26.

Other Highlights - JLR

- They have already stopped production of Jag models like XE, XF and F-Type, which were produced from Castle Bromwich earlier in FY25. In Dec'24, they stopped production of I Pace and E Pace. Only F Pace is currently in production from Solihull facility and this will also be stopped by CY25 end. Post this, they

would launch the 4-door GT variant of Jag recently unveiled (launch planned in 2026).

- China wholesales were lower in 4Q as they focused on normalizing dealer inventory in a weak demand environment. Local dealers are currently exiting dealerships of Western OEMs. JLR is currently focusing on addressing this distribution gap by tying up with other dealer partners.
- CJLR performance has been weak as models produced in the JV (Jag XF, XE and E Pace) are at the end of their life cycle. These are likely to cease production fully by Sep'25. JLR has entered into a licensing agreement with Chery to produce Freelander in the Chery JV with a China-based cost structure. While this is likely to be initially for China markets, it can be exported globally at a later stage.
- While the UK and India have also signed a favorable FTA, it is unlikely to benefit JLR as most of JLR models are already assembled in the Pune plant in CKD form with reduced duties. Hence, no incremental benefit is expected post duty reduction for JLR.
- Management has indicated that JLR would be extending the availability of ICE vehicles relative to previous plans.

JLR Quarterly Performance (IFRS)

(GBP M)

Y/E March (GBP Million)	FY24				FY25				FY24	FY25E	4QE
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			
Total Volumes (Incl JV)	1,06,253	1,09,117	1,13,943	1,20,640	1,10,454	97,223	1,11,237	1,21,217	4,49,953	4,40,131	1,24,565
Growth (%)	28.7	21.4	23.4	12.3	4.0	-10.9	-2.4	0.5	20.9	-2.2	3.3
Realization (GBP/unit)	74,024	70,824	72,989	71,331	74,400	74,167	71,686	69,355	72,252	72,240	72,025
Change YoY (%)	20.7	1.4	-3.8	-4.9	0.5	4.7	-1.8	-2.8	1.8	0.0	1.0
Revenues	6,903	6,857	7,375	7,860	7,273	6,475	7,486	7,727	28,995	28,961	8,266
Growth (%)	56.7	30.4	22.1	10.7	5.4	-5.6	1.5	-1.7	27.1	-0.1	5.2
RM/Sales (%)	58.3	60.8	57.5	57.7	58.1	58.4	57.8	58.5	58.5	58.2	57.9
Staff Costs/Sales (%)	10.4	10.4	11.0	10.5	11.7	12.5	11.3	11.8	10.6	11.8	10.5
Other Exp/Sales (%)	15.0	14.0	15.4	15.5	14.4	17.3	16.7	14.3	15.0	15.6	16.6
EBITDA	1,123	1,021	1,192	1,284	1,149	759	1,060	1,183	4,620	4,151	1,242
EBITDA Margins (%)	16.3	14.9	16.2	16.3	15.8	11.7	14.2	15.3	15.9	14.3	15.0
Depreciation & Amortization	538	525	547	565	510	434	377	356	2,175	1,677	397
Fx loss/ (gain)	62	-25	-43	4	-91	-115	118	-81	-2	-169	0
Net Finance Cost	98	84	64	59	43	45	33	30	305	151	38
Share of JV's PAT	10	5	3	5	6	3	-9	-3	23	-3	-8
PBT before EO Exp	435	442	627	661	693	398	523	875	2,165	2,489	798
EO Exp/(Inc)	0	0	0	-659	-8	0	0	23	-659	15	0
PBT after EO Exp	435	442	627	1,320	701	398	523	852	2,824	2,474	798
Tax rate (%)	25.7	38.5	5.6	-5.4	28.4	28.9	28.3	24.9	8.7	27.2	28.2
Adj PAT	323	272	592	789	496	283	375	657	1,919	1,811	573
Growth (%)	-183.7	-377.6	126.8	200.5	53.6	4.0	-36.7	-16.8	4747.5	-5.6	-27.4

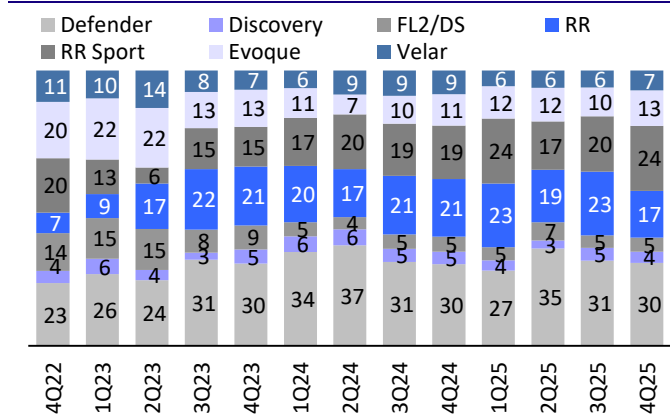
E: MOSL Estimates

JLR GBP m

Key performance Indicator	FY24			FY25			FY24	FY25
	3Q	4Q	1Q	2Q	3Q	4Q		
Net Debt (IFRS)	1,574	732	1,001	1,214	1,143	-278	732	-278
CFO	1,488	1,821	1,181	691	1,169	1,484	5,532	4,525
Capex	862	929	951	947	1,012	880	3,263	3,790
FCF	626	892	230	-256	157	1,347	2,269	1,478

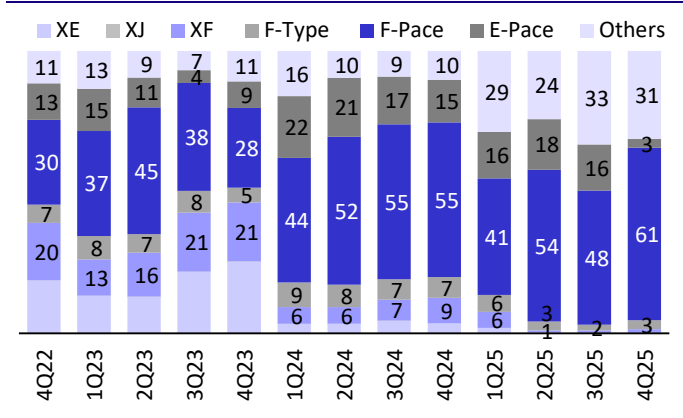
E: MOSL Estimates

Exhibit 1: Wholesale product mix for Land Rover (%)



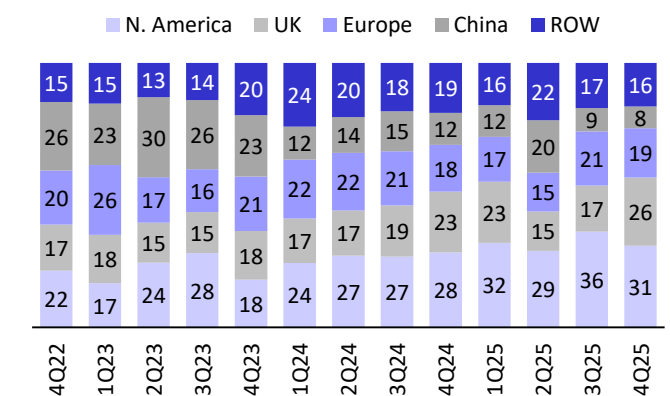
Source: Company, MOFSL

Exhibit 2: Wholesale product mix for Jaguar (%)



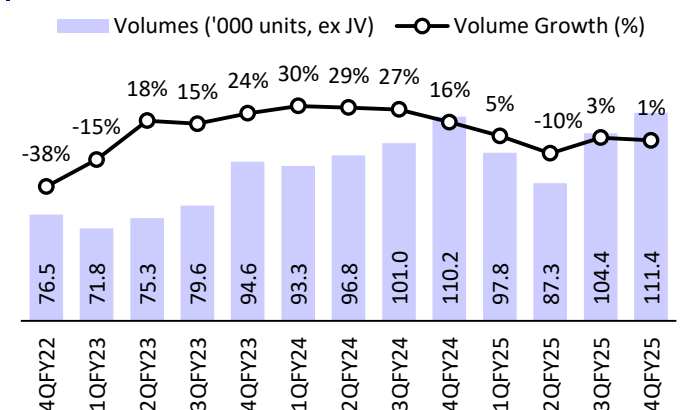
Source: Company, MOFSL

Exhibit 3: Wholesale market mix for JLR (%)



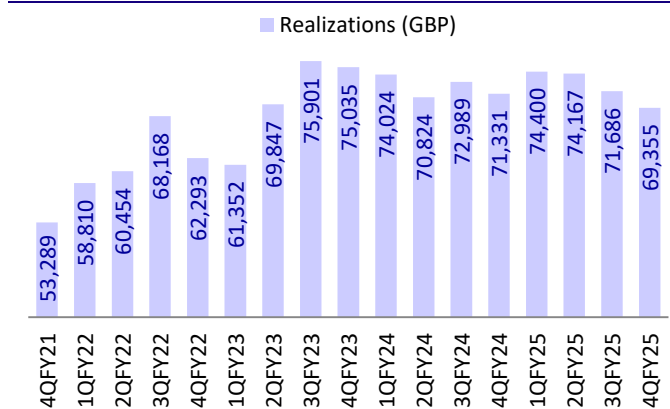
Source: Company, MOFSL

Exhibit 4: Trend in volumes (excluding JVs) for JLR



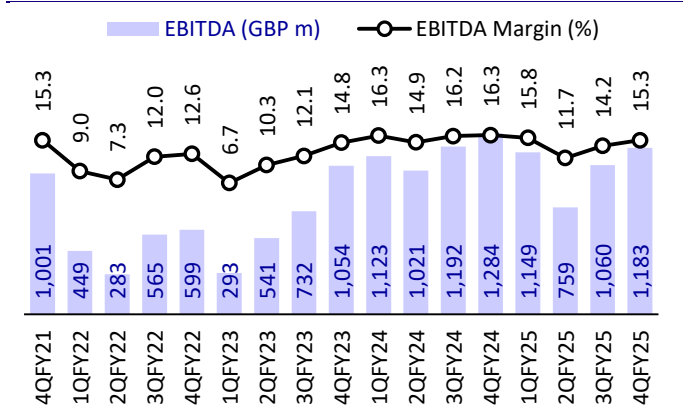
Source: Company, MOFSL

Exhibit 5: Trend in realizations (GBP/unit) for JLR



Source: Company, MOFSL

Exhibit 6: Trends in EBITDA and EBITDA margin for JLR



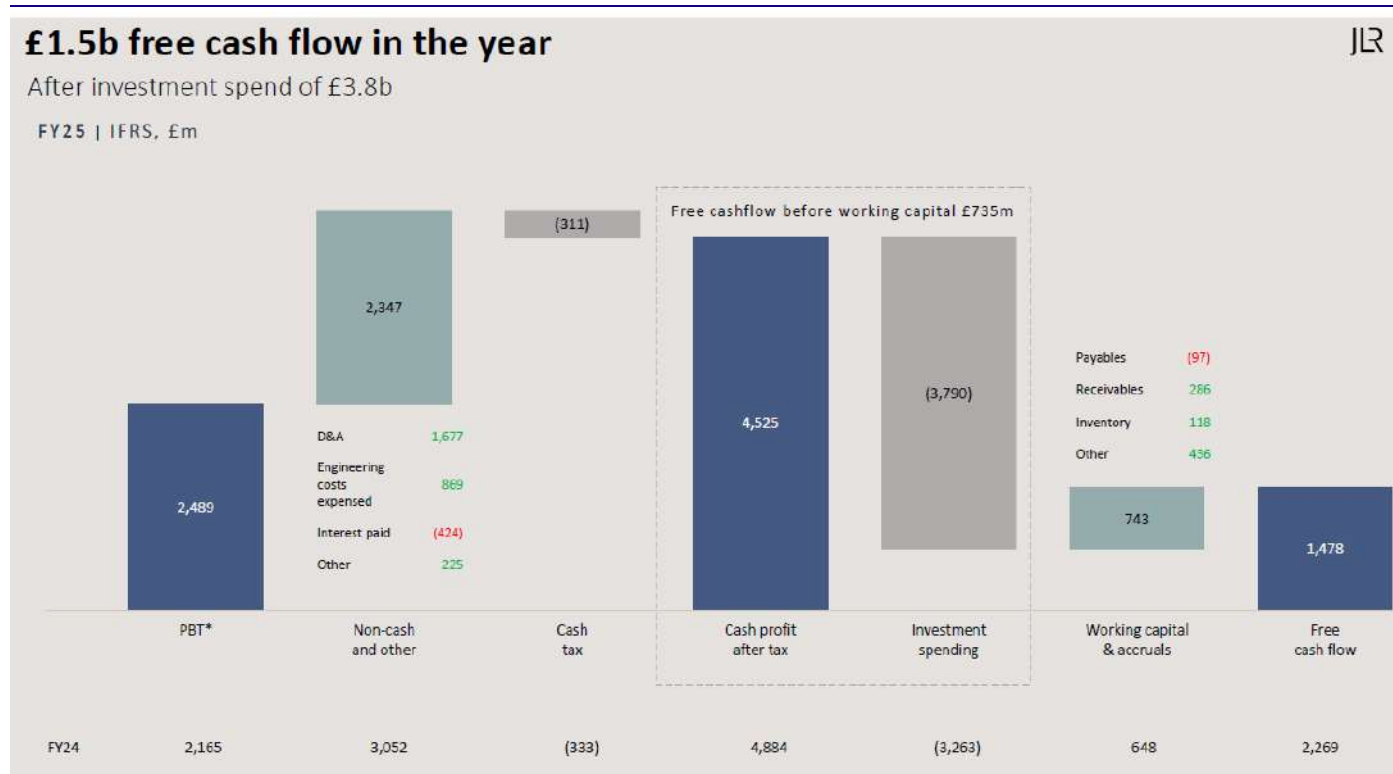
Source: Company, MOFSL

Exhibit 7: 4QFY25 EBIT margin impacted by higher VME, adverse mix and emission led costs



Source: Company, MOFSL

Exhibit 8: JLR has delivered GBP1.5b of FCF in FY25 post capex of GBP3.8b



Source: Company, MOFSL



India: Key takeaways from the management commentary

Tata CV business

- In domestic CVs, TTMT has lost 210bp market share to 37.1%, as per Vahan retail data. However, one has to note that this entire loss has been on account of its market share loss in the SCV segment, where it has lost 380bp share to 30.5%. On the other hand, while its share in MCV and HCV has remained stable, it has gained share in the bus segment by 110bp to 37.6%.
- In 4Q, CV segment margins remained stable YoY at 12.2% but were below our estimate of 12.8%. CV margins remained stable QoQ despite the 10% volume growth. Margins were impacted by higher employee costs and higher product development expenses.
- For FY25, CV segment margins improved 100bp to 11.8%. Margin improvement was driven by pricing discipline and 20bp benefit received from PLI incentives.

Outlook – CV business

- Most of the key demand indicators for the industry remain positive, which include: 1) average utilization increased by 2-5% QoQ in 4Q; 2) freight rates improved by 1-2% QoQ in 4Q; and 3) tipper sentiment index improved marginally, while the same for HCV trucks, ILCVs and SCVs remained stable. On the back of these factors, management expects CV industry to post single-digit growth in FY26. Within this, management expects MHCV and bus segments to do better than ILCVs and SCVs.
- The implementation of DFC along the Western corridor is likely to shift container cargo in the region to Railways. Hence, demand for tractor trailers in this region is likely to decline. However, CVs would be needed for last-mile connectivity in the hub and spoke model, and hence overall, there is unlikely to be a major impact on CV demand due to DFC, as per management.
- Input costs are likely to rise marginally in coming quarters given increase in safeguard duty on steel as also rise in Cu prices.
- As per regulation, new trucks would be mandated with AC cabins wef 8th Jun'25. Implementation of this is likely to drive price hikes to the tune of 0.5-0.6% for HCVs and slightly higher at 1.2% for ILCVs. This is also likely to reduce fuel efficiency of vehicles. However, TTMT would aim to provide upgraded products with enhanced features, driving up the value proposition for customers.
- TTMT management remains focused on recovering lost market share in SCV segment. They would soon be launching Ace Pro in 2QFY26 to gain share.

Tata Motors PV business:

- TTMT PV segment has seen 50bp YoY decline in market share to 13.2% in FY25. Bulk of this decline is due to the decline of its share in the hatchback segment, where its models like Tiago and Altroz are now over five years old.
- While the CNG industry has posted 30% YoY growth, TTMT has outperformed the same and grown 60% YoY in CNG. As a result, CNG contribution in its PV mix has increased to 25% in FY25 from 16% in FY24.
- On the other hand, its EV volumes have declined 13% YoY to 64.3k units for FY25. This has led to TTMT's market share reducing sharply to 55% in FY25 from

73% in FY24 in EVs. This was largely driven by a significant rise in competition in EVs in FY25.

- TTMT's PV segment margins remained stable QoQ at 7.9%, in line with our estimate.
- For FY25, PV segment margins improved 40bp YoY to 6.9%. Full-year margins were boosted (+70bp) by INR2.5b worth of PLI incentives.
- For FY25, PV ICE segment margins declined 70bp YoY to 8.1%, while EV margins improved to 1.2% (from -7.1%) YoY.

Outlook - PV business

- Industry demand for FY26 is likely to remain moderate, as in FY25.
- TTMT would target to outperform industry with its new launches, which include: 1) mid-cycle upgrade of Altroz to be launched this month and the recently launched upgrade of Tiago; 2) full-year ramp-up of Curvv and Nexon CNG; 3) Safari and Harrier with multi-powertrain options including gasoline; 4) Sierra ICE launch; and 5) Harrier + Sierra EV launch.
- While competition is likely to rise in EVs, TTMT would target to maintain its market share above 50% levels.
- In the entry segment (<INR 12L segment) in EVs, TTMT enjoys a dominant 75% share with its Tiago and Punch models. However, the INR12-20L segment is the one which is seeing the most disruption from competition and it is this segment where TTMT's share has reduced to 33%. One other emerging segment is the >INR20L segment, which is likely to see steady rise in contribution in the coming years. The 4th segment is the fleet segment where they need to introduce EV products, which can compete effectively with CNG and have an adequate range.
- For TTMT to be CAFÉ-compliant based on current understanding, they would need to have 10% EV penetration. For TTMT, EV penetration already stands at 11% and hence they are well placed to meet upcoming CAFÉ norms.

Other highlights

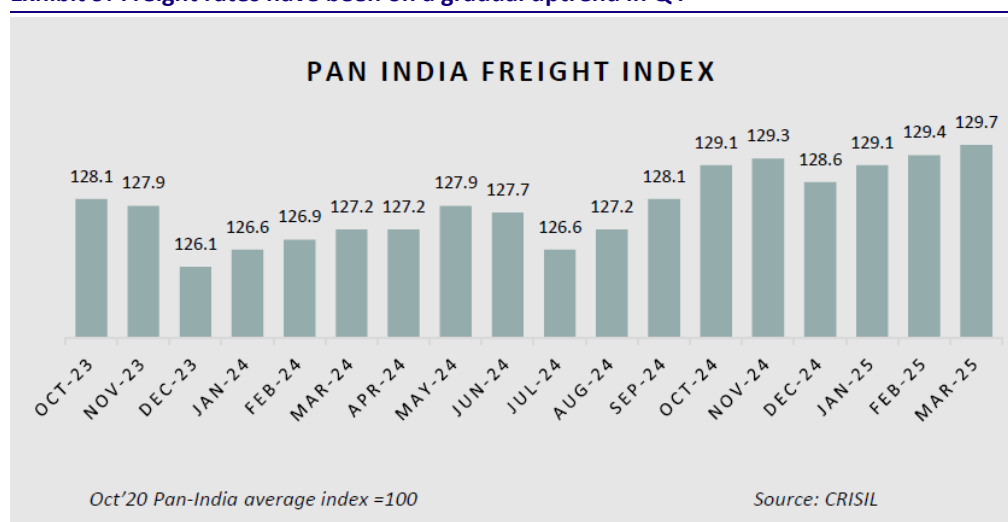
- Overall, the standalone business delivered FCF of INR69b after incurring a capex of INR84b in FY25.
- The consolidated entity now has a net cash balance of INR10b from net debt of INR160b in FY24.
- Consolidated capex for FY26 is likely to be in line with the same done in FY25: JLR at around GBP3.8b and standalone at INR84b. Like in FY25, management expects this capex to be funded by internal accruals.
- The board has recommended a final dividend of INR6 per share, flat YoY.
- TTMT has got NCLT and shareholder approval for its demerger process. The appointed date for the same is in Jul'25 and the effective date is in Oct'25.
- Tata Finance merger with Tata Capital has concluded as planned.

Key performance Indicator (India Businesses)

Volumes (units)	FY24				FY25				FY24	FY25
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q		
M&HCVs	36,577	47,045	46,534	50,959	41,974	39,433	46,108	53,995	1,81,115	1,81,510
Contribution (%)	16.2	19.4	19.8	46.6	18.3	18.3	19.6	51.1	45.8	48.2
LCVs	49,218	57,040	49,992	58,480	49,235	44,848	49,662	51,648	2,14,730	1,95,393
Contribution (%)	21.8	23.5	21.3	53.4	21.4	20.9	21.1	48.9	54.2	51.8
Total CVs	85,795	1,04,085	96,526	1,09,439	91,209	84,281	95,770	1,05,643	3,95,845	3,76,903
Contribution (%)	37.9	42.8	41.1	41.3	39.7	39.2	40.6	41.8	40.8	40.4
Cars	51,283	55,491	36,581	41,201	38,153	27,769	24,677	32,013	1,84,556	1,22,612
Contribution (%)	22.7	22.8	15.6	15.5	16.6	12.9	10.5	12.7	19.0	13.1
UVs	89,167	83,448	1,01,874	1,14,450	1,00,529	1,02,984	1,15,152	1,14,986	3,88,939	4,33,651
Contribution (%)	39.4	34.3	43.4	43.2	43.7	47.9	48.9	45.5	40.1	46.5
Total Volumes	2,26,245	2,43,024	2,34,981	2,65,090	2,29,891	2,15,034	2,35,599	2,52,642	9,69,340	9,33,166
Realizations (INR '000/unit)										
CVs	1,925	1,887	2,043	1,944	1,910	2,015	1,897	1,991	1,949	1,910
PVs	922	881	938	932	857	903	902	870	919	857
EBITDA Margin (%)										
CVs	9.4	10.4	11.1	11.9	11.6	10.7	12.2	12.2	10.8	11.7
PVs	5.2	6.4	6.5	7.3	5.8	6.2	7.6	7.8	6.4	6.9
EBIT Margins										
CVs	6.5	7.8	8.6	9.5	8.9	7.8	9.5	9.7	8.2	9.0
PVs	0.9	1.7	2.0	2.9	0.3	0.2	1.6	1.6	1.9	0.9

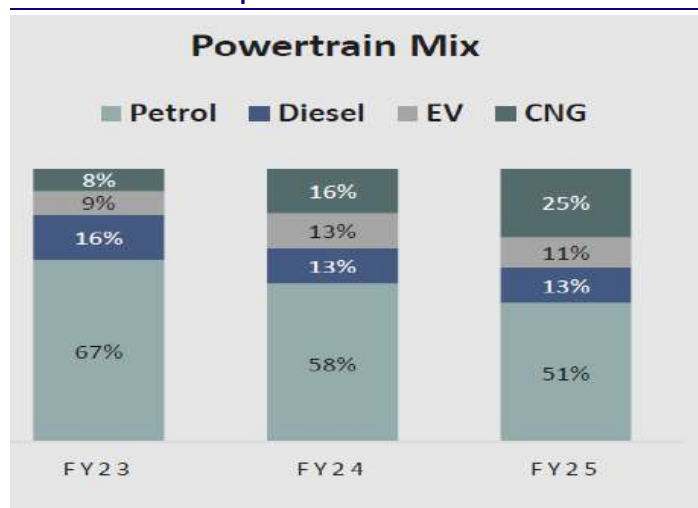
E: MOFSL Estimates

Exhibit 9: Freight rates have been on a gradual uptrend in Q4



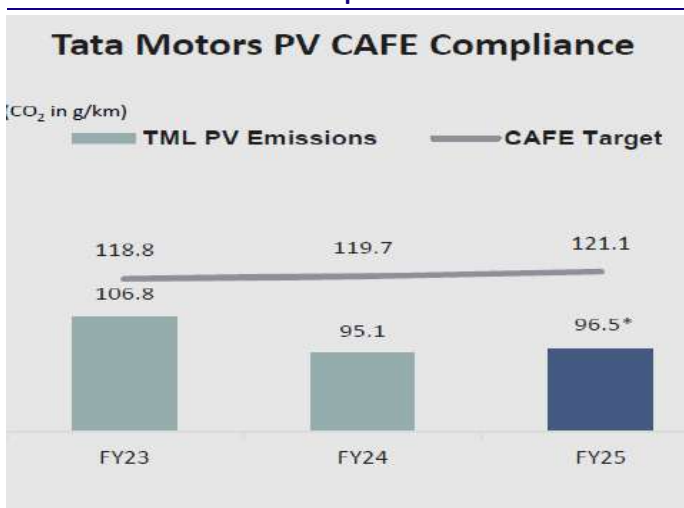
Source: Company, MOFSL

Exhibit 10: TTMT PV powertrain mix



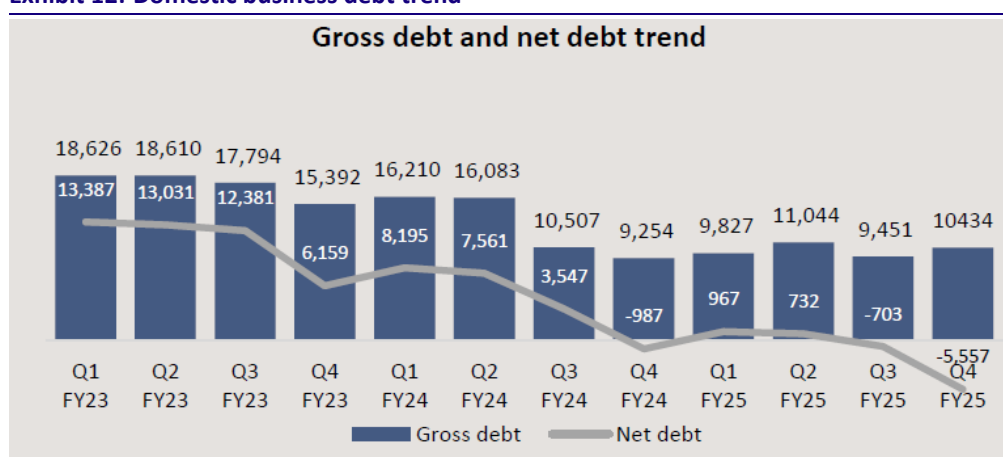
Source: Company, MOFSL

Exhibit 11: TTMT PV CAFÉ compliance



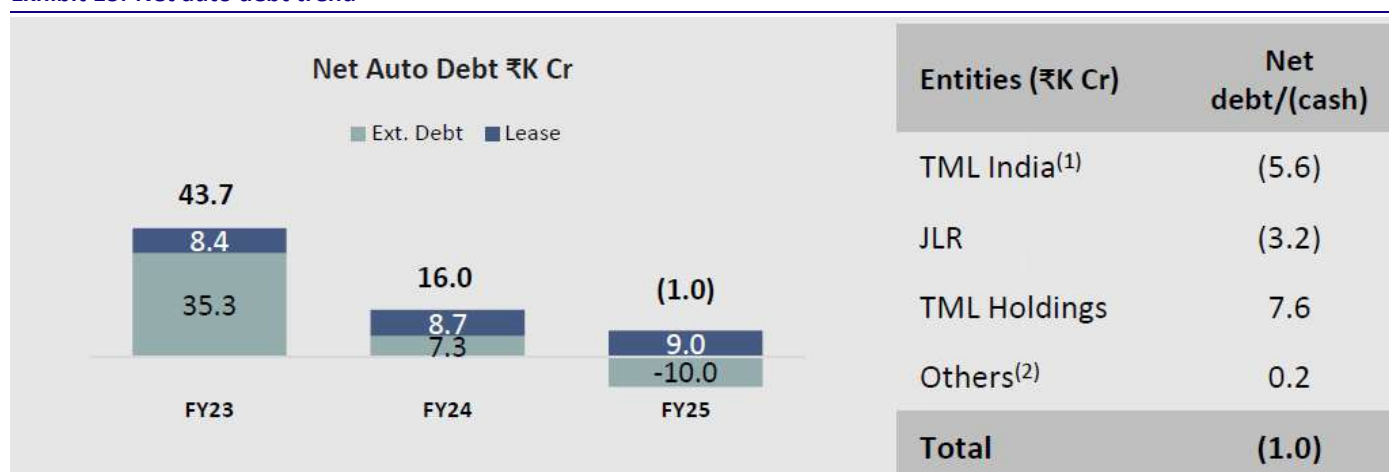
Source: Company, MOFSL

Exhibit 12: Domestic business debt trend



Source: Amount in INR crore, Company, MOFSL

Exhibit 13: Net auto debt trend



Source: Company, MOFSL

Entities (₹K Cr)	Net debt/(cash)
TML India ⁽¹⁾	(5.6)
JLR	(3.2)
TML Holdings	7.6
Others ⁽²⁾	0.2
Total	(1.0)

Valuation and view

- **Volume growth likely to remain muted for JLR:** PV demand continues to be weak in Europe. China is also now facing a severe slowdown in PV demand, which is likely to hurt sales for JLR in the coming quarters. While the global macro was weak, the recent tariff measures by the US on key regions have led to another layer of uncertainty in the demand environment. With tariffs expected to rise for exports to the US, demand for automobiles in North America is likely to slow down, at least in the near term. One has to remember that North America was the key growth driver for JLR in FY25, when other regions were seeing demand weakness. Given these headwinds, management has refrained from giving any growth guidance for JLR for FY26 and beyond. We expect JLR to post a 4% YoY decline in volumes in FY26 and then deliver 5% growth in FY27E.
- **Margins likely to be under pressure:** While the mix has improved for JLR, the benefit has been largely offset by rising VME and warranty costs over the last few quarters. We note here that bulk of JLR's EBIT margin expansion is driven by reduced depreciation and higher capitalization rate, both of which are not sustainable in the long run. Management has indicated that given continued weak demand in key regions, VME is likely to further inch up in coming quarters. Further, the impact of rising tariffs in key regions needs to be absorbed, albeit partially, at least initially. We hence expect JLR margins to remain under pressure over our forecast period. We expect margins to decline by ~100bp for JLR over FY25-27E.
- **India CV and PV – weak near-term growth prospects:** CV demand has remained weak for the whole of FY25. Over a corrected base, we expect TTMT's India CV business to see a 5% volume CAGR (FY25-27E). Even in PVs, the industry is likely to grow by 2-4% in FY26. We expect TTMT to post 2.5% volume CAGR over FY25-27E. We expect margins to largely remain stable for both businesses going forward.
- **Valuation and view:** JLR is facing multiple headwinds, which include: 1) tariff-led uncertainty for exports to the US; 2) demand weakness in key regions like Europe and China; and 3) rising VME, warranty and emission costs. Given these factors, management has refrained from giving any guidance for FY26 and beyond. Given the above headwinds, we expect margin pressure to persist for JLR and have factored in 100bp margin decline over FY25-27E. Even in India, both CV and PV businesses are seeing moderation in demand. Given these headwinds, we have lowered our earnings estimates for TTMT by 12%/5% over FY26/FY27. For lack of any triggers, we reiterate Neutral with FY27E SOTP-based TP of INR690.

Exhibit 14: Summary of our revised estimates

Key Assumptions (INR b)	FY26E			FY27E		
	Rev	Old	Chg (%)	Rev	Old	Chg (%)
Consolidated						
Net Sales	4,401	4,658	-5.5	4,688	4,913	-4.6
EBITDA	516	588	-12.2	554	624	-11.1
EBITDA Margins (%)	11.7	12.6	-90bp	11.8	12.7	-90bp
Net Profit	187	212	-11.6	191	202	-5.2
Cons EPS	50.8	57.5	-11.6	52.0	54.9	-5.3

Source: MOFSL

TATA MOTORS: Sum-of-the-parts valuation

INR B	Valuation Parameter	Multiple (x)	FY25E	FY26E	FY27E
Tata Motors	SOTP		1,485	1,553	1,673
CVs	EV/EBITDA	11	981	1,031	1,121
PVs	EV/EBITDA	15	504	523	553
JLR (Adj for R&D capitalization)	EV/EBITDA	2.5	828	729	787
JLR - Chery JV EBITDA Share	EV/EBITDA	2.5	28	23	25
Finance arm	P/BV	1.2	40	36	32
Total EV			2,381	2,342	2,517
Less: Net Debt (Ex TMFL)			134	120	92
Add: TataTech @ INR317b Mcap	20% discount	53.39% stake	112	112	112
Total Equity Value			2,359	2,333	2,538
Fair Value (INR/Sh) - Ord Sh			641	634	690

Story in charts

Exhibit 15: Volume growth trajectory for JLR

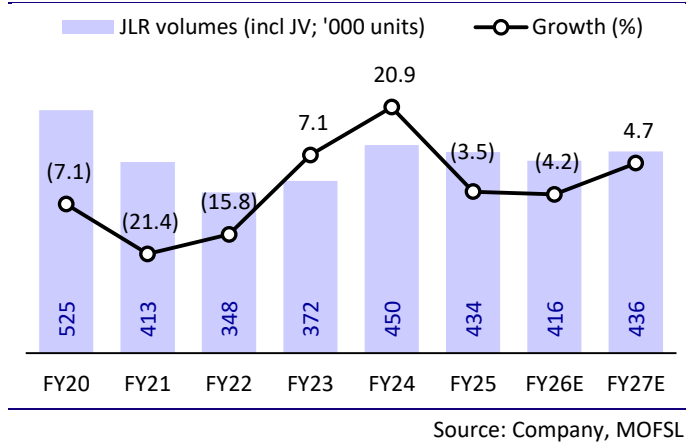


Exhibit 16: EBITDA and EBITDA margin trends for JLR

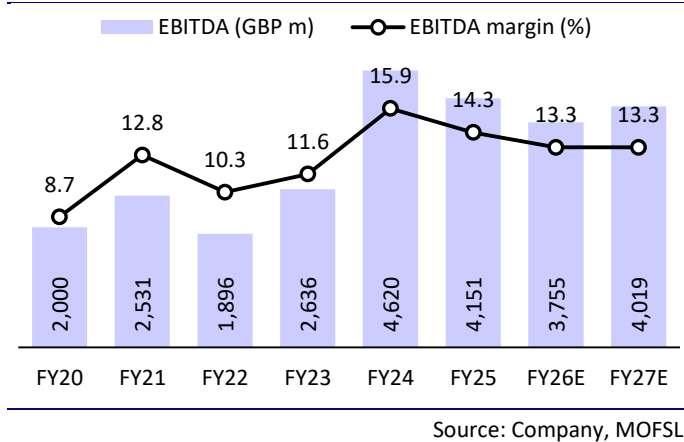


Exhibit 17: India business growth trajectory over FY25-27E

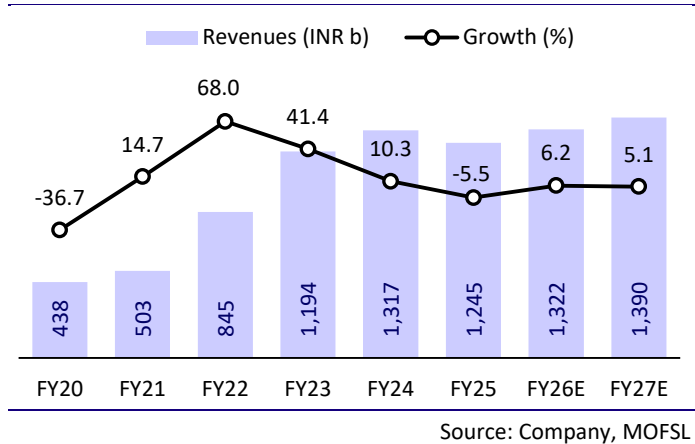
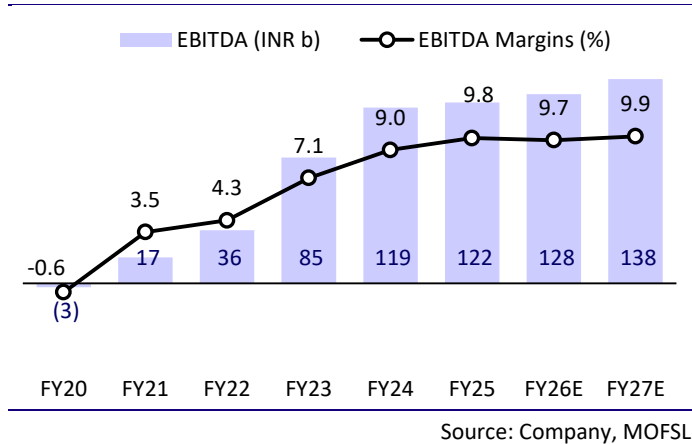


Exhibit 18: India EBITDA and margin trends



Key operating metrics

Snapshot of Revenue model

000 units	FY20	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E
JLR								
Jaguar	144	90	68	63	71	42	13	1
Growth (%)	-18.7	-37.3	-24.4	-7.9	12.3	-41.1	-70.0	-90.0
% of Total JLR Vols	27.5	21.9	19.7	16.9	15.7	9.6	3.0	0.3
Land Rover	381	322	279	309	379	393	403	434
Growth (%)	-1.7	-15.4	-13.4	10.7	22.6	3.6	2.7	7.7
% of Total JLR Vols	72.5	78.1	80.3	83.1	84.3	90.4	97.0	99.7
Total JLR Volumes (incl JV)	525	413	348	372	450	434	416	436
Growth (%)	-7.1	-21.4	-15.8	7.1	20.9	-3.5	-4.2	4.7
ASP (GBP '000/unit)	48	57	62	71	72	72	72	73
Growth (%)	1.3	17.5	9.7	14.0	1.8	0.0	0.0	1.0
Net JLR Sales (GBP b)	23	20	18	23	29	29	28	30
Growth (%)	-5.1	-14.2	-7.2	24.5	27.1	-0.1	-2.8	7.0
INDIA								
MH&CVs	124	90	145	179	181	182	191	200
Growth (%)	-44.7	-27.6	60.3	23.6	1.4	0.2	5.0	5.0
LCVs	216	173	210	235	215	195	205	215
Growth (%)	-20.8	-20.2	21.4	12.1	-8.6	-9.0	5.0	5.0
Total CVs	341	263	354	413	396	377	396	416
Growth (%)	-31.6	-22.9	34.7	16.8	-4.3	-4.8	5.0	5.0
Total PVs	133	223	372	541	573	556	574	586
Growth (%)	-37.3	67.8	67.2	45.4	6.0	-3.0	3.1	2.1
Total Volumes	473	485	726	955	969	933	969	1,001
Growth (%)	-33.3	2.5	49.6	31.4	1.6	-3.7	3.9	3.3
ASP (INR 000/unit)	926	1,036	1,163	1,251	1,359	1,334	1,364	1,388
Net S/A Sales (INR b)	438	503	845	1,194	1,317	1,245	1,322	1,390
Growth (%)	-36.7	14.7	68.0	41.4	10.3	-5.5	6.2	5.1

Financials and valuations

Income Statement (Consolidated)							(INR b)	
Y/E March	2020	2021	2022	2023	2024	2025	2026E	2027E
Total Income	2,610.7	2,497.9	2,784.5	3,459.7	4,379.3	4,397.0	4,400.5	4,688.1
Change (%)	-13.5	-4.3	11.5	24.2	26.6	0.4	0.1	6.5
EBITDA	197.3	305.6	248.1	318.3	596.1	551.3	516.3	554.2
% of Net Sales	7.6	12.2	8.9	9.2	13.6	12.5	11.7	11.8
Depreciation	214.3	235.5	248.4	248.6	272.7	232.6	251.0	278.1
EBIT	-17.0	70.1	-0.2	69.7	323.4	318.8	265.3	276.1
Product Dev. Exp.	41.9	52.3	92.1	106.6	109.6	107.2	111.9	116.7
Interest	72.4	81.0	93.3	102.4	100.3	50.8	52.8	58.3
Other Income	29.7	26.4	30.5	46.3	59.5	62.4	58.4	59.3
EO Exp/(Inc)	28.7	137.6	6.3	-15.9	-78.1	4.7	0.0	0.0
Forex Gain/ (Loss)	-17.4	17.3	-0.8	1.0	-0.2	9.2	0.0	0.0
PBT	-105.8	-104.7	-70.0	30.6	360.4	334.9	270.9	277.2
Effective Rate (%)	-3.7	-24.3	-60.4	23.0	13.7	31.4	31.0	31.0
Reported PAT	-109.8	-130.2	-112.3	23.5	311.1	229.9	186.9	191.3
Change (%)	-62.1	18.6	-13.7	-120.9	1,221.7	-26.1	-18.7	2.3
Minority Interest	-0.96	-0.56	-1.3	-2.8	-4.1	-3.2	-2.9	-3.5
Share of profit of associate	-10.00	-3.79	-0.7	3.4	7.0	2.9	3.1	3.5
Net Profit	-120.7	-134.5	-114.4	24.1	314.0	229.6	187.1	191.2
Adj. PAT	-90.9	2.2	-108.1	8.2	224.9	232.6	187.1	191.2
Change (%)	515.0	-102.4	-5,109.7	-107.6	2,629.7	3.4	-19.6	2.2

Balance Sheet (Cons.)							(INR b)	
Y/E March	2020	2021	2022	2023	2024	2025	2026E	2027E
Sources of Funds								
Share Capital	7.2	7.7	7.7	7.7	7.7	7.4	7.4	7.4
Reserves	624	545	438	446	842	1,154	1,323	1,492
Net Worth	631	552	446	453	849	1,161	1,330	1,499
Loans	997	1,148	1,397	1,257	985	715	715	715
Deferred Tax	-35	-30	-23	-38	-120	-55	-55	-55
Capital Employed	1,601	1,686	1,862	1,745	1,796	1,888	2,059	2,232
Gross Fixed Assets	2,698	3,129	3,233	3,303	3,336	3,513	4,335	4,762
Less: Depreciation	1,435	1,750	1,852	1,991	2,132	2,365	2,615	2,894
Net Fixed Assets	1,263	1,379	1,380	1,312	1,204	1,148	1,719	1,869
Capital WIP	356	210	103	143	357	658	250	250
Goodwill	8	8	8	8	9	9	9	9
Investments	163	246	294	264	321	479	633	686
Curr.Assets	1,376	1,543	1,483	1,582	1,685	1,420	1,355	1,449
Inventory	375	361	352	408	478	473	473	504
Sundry Debtors	112	127	124	157	170	132	133	141
Cash & Bank Bal.	337	468	407	370	458	408	330	372
Loans & Advances	540	569	585	628	551	382	394	405
Current Liab. & Prov.	1,566	1,700	1,406	1,564	1,779	1,827	1,906	2,031
Sundry Creditors	664	682	600	721	880	941	942	1,003
Other Liabilities	651	753	569	594	611	518	663	706
Net Current Assets	-190	-157	77	17	-94	-407	-551	-582
Appl. of Funds	1,601	1,686	1,862	1,745	1,796	1,888	2,059	2,232

Financials and valuations

Ratios (Con.)

Y/E March	2020	2021	2022	2023	2024	2025	2026E	2027E
Basic (INR)								
EPS	-25.3	0.56	-28.2	2.2	58.7	63.2	50.8	52.0
EPS Growth (%)	NA	NA	NA	NA	-	7.7	-19.6	2.2
Cash EPS	34.3	62.1	36.6	67.1	129.8	126.4	119.0	127.5
Book Value (Rs/Share)	175.3	144.3	116.4	118.3	221.6	315.6	361.4	407.3
DPS	0.0	0.0	0.0	2.0	6.0	6.0	5.0	6.0
Payout (Incl. Div. Tax) %	0.0	0.0	0.0	93.6	10.3	9.6	9.9	11.6
Valuation (x)								
Consolidated P/E	-28.0	1,256.0	-25.1	329.1	12.1	11.2	13.9	13.6
EV/EBITDA	15.4	10.3	13.7	10.5	4.9	4.4	4.6	4.1
EV/Sales	1.2	1.3	1.2	1.0	0.7	0.6	0.5	0.5
Price to Book Value	4.0	4.9	6.1	6.0	3.2	2.2	2.0	1.7
Dividend Yield (%)	0.0	0.0	0.0	0.3	0.9	0.9	0.7	0.9
Profitability Ratios (%)								
RoE	-14.8	0.4	-21.7	1.8	34.5	23.1	15.0	13.5
RoCE (Post-tax)	0.9	7.3	2.7	5.0	18.7	14.2	11.3	10.8
RoIC	-2.5	11.6	0.0	5.3	32.5	43.6	30.8	21.5
Turnover Ratios								
Debtors (Days)	16	19	16	17	14	11	11	11
Inventory (Days)	52	53	46	43	40	39	39	39
Creditors (Days)	93	100	79	76	73	78	78	78
Asset Turnover (x)	1.6	1.5	1.5	2.0	2.4	2.3	2.1	2.1
Leverage Ratio								
Net Auto Debt/Equity (x)	0.8	0.7	1.1	1.0	0.2	0.1	0.1	0.1

Cash Flow Statement

(INR b)

Y/E March	2020	2021	2022	2023	2024	2025E	2026E	2027E
OP/(Loss) before Tax	-119.8	-134.0	-113.1	26.9	318.1	232.8	187.1	191.2
Int/Div. Received	-11.9	-5.1	-6.6	-13.0	-26.6	-25.4	58.4	59.3
Depreciation	214.3	235.5	248.4	248.6	272.7	232.6	251.0	278.1
Direct Taxes Paid	-17.5	-21.0	-19.1	-31.8	-45.2	-39.9	-84.0	-85.9
(Inc)/Dec in WC	50.6	-0.9	-104.7	-31.3	73.3	81.6	66.6	72.4
Other Items	125.1	234.0	144.3	138.5	8.7	154.1	2.9	3.5
CF from Op Activity	240.8	308.5	149.1	338.0	601.0	635.7	481.9	518.6
Extra-ordinary Items	25.5	-18.5	-6.3	15.9	78.1	-4.7	0.0	0.0
CF after EO Items	266.3	290.0	142.8	353.9	679.2	631.0	481.9	518.6
(Inc)/Dec in FA+CWIP	-295.3	-198.5	-149.4	-178.1	-311.8	-370.7	-414.0	-427.8
Free Cash Flow	-29.0	91.5	-6.6	175.8	367.3	260.3	67.9	90.8
(Pur)/Sale of Invest.	-35.8	-58.2	104.9	23.9	84.0	-105.3	-153.1	-53.5
CF from Inv Activity	-331.1	-256.7	-44.4	-154.2	-227.8	-475.9	-567.1	-481.3
Issue of Shares	38.9	26.0	37.7	37.7	0.8	-0.3	0.0	0.0
Inc/(Dec) in Debt	70.8	154.5	22.0	-205.4	-274.7	-106.4	0.0	0.0
Interest Paid	-75.2	-81.2	-92.5	-93.4	-93.3	-58.1	-52.8	-58.3
Dividends Paid	-0.6	-0.3	-1.0	-1.4	-2.9	-23.0	-18.5	-22.2
CF from Fin Activity	33.9	99.0	-33.8	-262.4	-370.1	-187.9	-71.3	-80.5
Inc/(Dec) in Cash	-30.9	132.3	64.6	-62.7	81.3	-32.8	-156.5	-43.1
Add: Beginning Bal.	215.6	184.7	317.0	381.6	318.9	400.1	367.4	210.9
Closing Balance	184.7	317.0	381.6	318.9	400.1	367.4	210.9	167.7

E: MOFSL Estimates

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://online.reports.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.bseindia.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") (UEN 201129401Z), which is a holder of a capital markets services license and an exempt financial adviser in Singapore. This report is distributed solely to persons who (a) qualify as "institutional investors" as defined in section 4A(1)(c) of the Securities and Futures Act of Singapore ("SFA") or (b) are considered "accredited investors" as defined in section 2(1) of the Financial Advisers Regulations of Singapore read with section 4A(1)(a) of the SFA. Accordingly, if a recipient is neither an "institutional investor" nor an "accredited investor", they must immediately discontinue any use of this Report and inform MOCMSPL.

In respect of any matter arising from or in connection with the research you could contact the following representatives of MOCMSPL. In case of grievances for any of the services rendered by MOCMSPL write to grievances@motilaloswal.com.

Nainesh Rajani

Email: nainesh.rajani@motilaloswal.com

Contact: (+65) 8328 0276

Specific Disclosures

- Research Analyst and/or his/her relatives do not have a financial interest in the subject company(ies), as they do not have equity holdings in the subject company(ies).
MOFSL has financial interest in the subject company(ies) at the end of the week immediately preceding the date of publication of the Research Report: Yes.
Nature of Financial interest is holding equity shares or derivatives of the subject company
- Research Analyst and/or his/her relatives do not have actual/beneficial ownership of 1% or more securities in the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report.
MOFSL has actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report: No
- Research Analyst and/or his/her relatives have not received compensation/other benefits from the subject company(ies) in the past 12 months.
MOFSL may have received compensation from the subject company(ies) in the past 12 months.
- Research Analyst and/or his/her relatives do not have material conflict of interest in the subject company at the time of publication of research report.
MOFSL does not have material conflict of interest in the subject company at the time of publication of research report.
- Research Analyst has not served as an officer, director or employee of subject company(ies).
- MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months.

7. MOFSL has not received compensation for investment banking /merchant banking/brokerage services from the subject company(ies) in the past 12 months.
8. MOFSL may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company(ies) in the past 12 months.
9. MOFSL may have received compensation or other benefits from the subject company(ies) or 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 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.

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:

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.