

## **Jindal Stainless**

Estimate changes	<b>—</b>
TP change	<b> </b>
Rating change	<b>←→</b>

Bloomberg	JDSL IN
Equity Shares (m)	824
M.Cap.(INRb)/(USDb)	610.9 / 6.9
52-Week Range (INR)	826 / 497
1, 6, 12 Rel. Per (%)	-5/21/-1
12M Avg Val (INR M)	638

## Financials Snapshot (INR b)

Y/E MARCH	FY26E	FY27E	FY28E						
Net Sales	443.3	508.7	572.3						
EBITDA	55.9	63.4	70.9						
Adj.PAT	31.4	36.7	41.4						
EBITDA (%)	12.6	12.5	12.4						
Adj. EPS (INR)	38.1	44.5	50.3						
BV/Sh (INR)	237	278	324						
Ratios									
Net D:E	0.2	0.1	0.1						
RoE (%)	16.1	16.0	15.5						
RoCE (%)	13.0	13.2	13.0						
Payout (%)	9.1	9.0	8.0						
Valuations									
P/E (X)	19.4	16.7	14.8						
P/BV (X)	3.1	2.7	2.3						
EV/EBITDA (X)	11.6	10.1	8.8						
Div Yield (%)	0.5	0.5	0.5						

## Shareholding pattern (%)

As On	Sep-25	Jun-25	Sep-24
Promoter	61.2	61.1	60.5
DII	7.1	7.1	5.9
FII	21.5	21.3	22.8
Others	10.2	10.6	10.9

FII Includes depository receipts

## CMP: INR743 TP: INR870 (+17%) Buy

# In-line performance; strong volume and healthy NSR support earnings Jindal Stainless' (JDSL) revenue for 2QFY26 came in line with our estimates at INR109b, up 11% YoV and 7% OoO. The growth was primarily led by

at INR109b, up 11% YoY and 7% QoQ. The growth was primarily led by healthy sales volume of 648KT, which recorded 15% YoY and 4% QoQ growth in 2QFY26.

- The exports share remained steady at 9% in 2QFY26 compared to 1QFY26 (vs. 10% in 2QFY25). ASP stood at INR168,000/t (-3% YoY and +3% QoQ), led by SS price recovery during the quarter.
- Adj. EBITDA stood at INR13.9b (in line with our estimate of INR13b), up 17% YoY and 6% QoQ. This led to an EBITDA/t of INR21,416, which improved 2% YoY and QoQ, supported by favorable pricing during the quarter.
- APAT for the quarter stood at INR7.9b (+29% YoY and +11% QoQ) and was in line with our estimate of INR7.4b.
- During 1HFY26, revenue/EBITDA/APAT grew 10%/12%/19%, respectively, supported by strong volume and NSR recovery.

## Highlights from the management commentary

- Management reiterated volume growth guidance of 9-10% YoY for FY26, with capacity utilization of 80-85%.
- The company expects short-term export volumes to remain subdued until uncertainties surrounding CBAM are resolved. In the long term, management indicated that the company is largely compliant with CBAM requirements (rising RE share), which should facilitate easier access to EU markets once the regime stabilizes.
- JDSL increased its renewable energy share to 42% in 2QFY26 from 26% in 2QFY25 and targets to increase it further with the commissioning of a green hydrogen plant at its Jajpur facility by mid-next year.
- The SS series mix for 2QFY26 stood at 34% for the 200 series, 49% for the 300 series, and 17% for the 400 series.

## Valuation and view

- JDSL reported a decent performance in 2QFY26, supported by healthy volumes and SS price recovery. Industry-level SS demand is set for strong growth, reaching 7.3mt by FY31, driven by domestic SS consumption. We believe JSL is well-placed to capitalize on this robust demand outlook, with higher VAP supporting margins.
- JSL has expanded into rebar, wire rods, and others, unlocking significant infrastructure opportunities. Additionally, the focus on value-added CR SS has strengthened its position in both domestic and export markets.
- We maintain our FY26/27E earnings estimates, projecting revenue CAGR of ~13% with steady EBITDA of INR22,000/t, leading to ~15% EBITDA CAGR over FY25-28E. Moreover, the healthy CFO and steady capex outflow will ensure a resilient B/S (consol. net debt/equity of 0.2x as of 2QFY26). We reiterate our BUY rating with a TP of INR870 (premised on 11x EV/EBITDA on Sep'27 estimate).

Alok Deora - Research analyst (Alok.Deora@MotilalOswal.com)

Sonu Upadhyay - Research analyst (Sonu.Upadhyay@MotilalOswal.com)



#### Consolidated financial performance (INR b)

Y/E March		FY	/25			FY	26E		FY25	FY26E	FY26	Vs Est
	1Q	2Q	3Q	4Q	1Q	2Q	3QE	4QE	-		2QE	(%)
Sales (kt)	578	565	588	643	626	648	653	668	2,374	2,595	630	2.9
Change (YoY %)	5.3	3.9	14.8	12.8	8.3	14.7	11.0	3.9	9.1	9.3		
Change (QoQ %)	1.4	(2.2)	4.1	9.4	(2.6)	3.5	0.7	2.4				
Net Realization/t	1,63,145	1,73,041	1,68,491	1,58,605	1,62,988	1,68,085	1,73,085	1,78,566	1,65,595	1,70,811	1,66,488	1.0
Net Sales	94.3	97.8	99.1	102.0	102.1	108.9	112.9	119.3	393.1	443.3	104.9	3.9
Change (YoY %)	(7.4)	(0.2)	8.5	7.9	8.2	11.4	14.0	17.0	1.9	12.8		
Change (QoQ %)	(0.3)	3.7	1.3	2.9	0.1	6.7	3.7	5.6				
EBITDA	12.1	11.9	12.1	10.6	13.1	13.9	14.3	14.7	46.7	55.9	13.0	6.7
Change (YoY %)	1.6	(3.6)	(3.1)	2.5	8.1	17.0	18.2	38.3	(0.8)	19.8		
Change (QoQ %)	17.1	(2.1)	1.8	(12.1)	23.5	6.0	2.9	2.8				
EBITDA (INR per ton)	20,964	21,000	20,536	16,499	20,915	21,416	21,879	21,960	19,657	21,552	20,652	3.7
Interest	1.4	1.6	1.6	1.5	1.4	1.4	1.5	1.6	6.1	6.0		
Depreciation	2.3	2.4	2.4	2.4	2.5	2.6	2.6	2.6	9.6	10.4		
Other Income	0.5	0.5	1.0	0.9	0.7	0.9	0.8	0.8	2.9	3.1		
PBT (before EO Item)	8.9	8.3	9.0	7.6	9.8	10.7	10.9	11.2	33.9	42.7		
EO Items	-	-	-	0.1	-	(0.2)	-	=	0.1	(0.2)		
PBT (after EO Item)	8.9	8.3	9.0	7.6	9.8	10.9	10.9	11.2	33.8	42.9		
Total Tax	2.4	2.2	2.4	1.4	2.5	2.7	2.8	2.9	8.4	11.0		
% Tax	27.1	27.0	26.5	19.0	26.3	25.1	25.8	26.1	25.1	25.8		
PAT before MI and Asso.	6.5	6.1	6.7	6.2	7.3	8.2	8.1	8.3	25.4	31.9		
MI (Profit)/Loss	(0.0)	(0.0)	(0.0)	(0.0)	0.0	0.0	-	-	(0.1)	0.0		
Share of P/(L) of Ass.	(0.0)	0.0	(0.1)	(0.3)	(0.1)	(0.1)	-	-	(0.4)	(0.3)		
RPAT after MI and Asso.	6.5	6.1	6.5	5.9	7.1	8.1	8.1	8.3	25.1	31.6		
Adj. PAT (after MI & Asso)	6.5	6.1	6.5	6.0	7.1	7.9	8.1	8.3	25.1	31.4	7.4	6.4
Change (YoY %)	(13.1)	(9.2)	(5.4)	19.0	10.2	29.2	23.9	38.1	(3.9)	25.0		
Change (QoQ %)	29.0	(5.7)	7.1	(8.7)	19.4	10.6	2.8	1.8				

Source: MOFSL, Company



## Highlights from the management interaction **Guidance**:

- Management reiterated its volume growth guidance of 9-10% YoY for FY26, with capacity utilization of 80-85%.
- The company expects short-term export volumes to remain subdued until uncertainties around CBAM are resolved. In the long term, management indicated that the company is largely compliant with CBAM requirements (rising RE share), facilitating easy access to EU markets once the regime stabilizes.
- JDSL increased its renewable energy share to 42% in 2QFY26 from 26% in 2QFY25 and targets to increase further with the commissioning of the green hydrogen plant at the Jajpur facility by mid-next year.
- The SS series mix for 2QFY26 stood at 200 series 34%, 300 series 49%, and 400 series 17%.

## Capex:

- The company has guided for capex of ~INR27b for FY26 (including spill overs and maintenance capex), of which ~INR12.6b has been spent in 1H.
- The SMS project in Indonesia is progressing as per plan and will get commission by FY27, whereas the HRAP line is on schedule for commissioning in 2HFY27.
- The land acquisition of the Maharashtra expansion is underway, and the expansion will occur in a phased manner of 1mtpa x 4 units, subject to approval and other macro/micro environment. The company has guided that Phase-I capacity is expected to come on stream by FY29-30.



## Subsidiaries' business operations:

- The current capacity utilization of Rathi Steel stood at 70% in 2QFY26. Rebar volumes are picking up well.
- Chromeni is currently EBITDA positive and operating at ~70% utilization level; the target is to achieve 80-85% in 2H.
- NPI is operating at a run rate of 90%, with EBITDA ranging at USD500-1,500/t due to high volatility.
- The company has partnered with Green Energy India Ltd to commission a green hydrogen plant at the Jajpur facility, with a planned capacity of 600MW expected to be commissioned by mid-next year.

### **Demand outlook:**

- Demand stood strong in 2QFY26 on the back of increased construction activities.
   The outlook for 3QFY26 remains positive, aided by the recent GST cut.
- Healthy coach demand was observed in 2QFY26, driven by Vande Bharat sleeper trainsets, Metro, and Indian Railways.
- SS wagon demand remained low and fresh orders are expected by the end of FY26.
- Global export sentiment remains weak due to soft demand in EU/US and CBAM transition-phase uncertainties. Management guided that buyers (in Europe/India) are maintaining lean inventories until CBAM regulations are clarified (expected timeline Dec'25).
- Suspension of the Stainless-Steel Quality Control Order (QCO) until Dec'25 has led to a rise in low-grade imports, creating near-term pricing pressure in the domestic market.
- The company expects clarity from the government by Dec'25 and anticipates that the reinstatement of QCO will help restore pricing discipline and curb aggressive imports.
- The company continues to benefit from efficient ferro chrome procurement, largely from OMC (Odisha Mining Corporation) under long-term linkages. Additionally, the company is set to commission the captive mine (Sukinda mine) by next year.

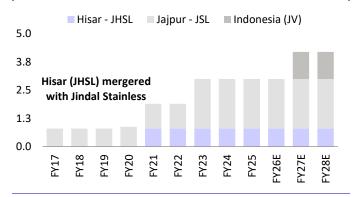
## Other highlights:

- JDSL is evaluating a merger of all its acquired downstream assets to improve tax efficiency.
- The company is currently analyzing the PLI scheme announced by the government. Management believes the scheme is structurally positive for the industry.



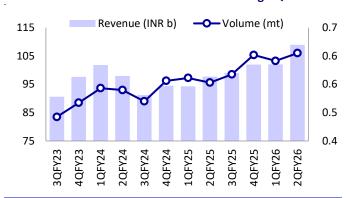
## **Story in charts**

Exhibit 1: Capacity targets to reach +4mtpa by FY27E



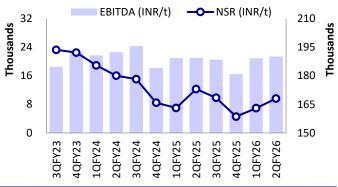
Source: MOFSL, Company

Exhibit 2: Sales volume stood at 0.65mt during 2Q



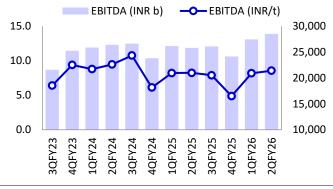
Source: MOFSL, Company

Exhibit 3: NSR rebounded QoQ amid recovery in SS prices



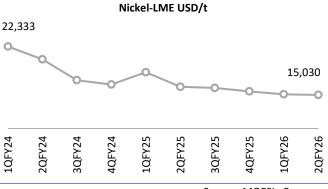
Source: MOFSL, Company

Exhibit 4: EBITDA/t rise over better NSR and muted cost



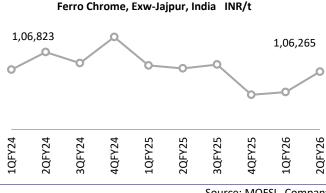
Source: MOFSL, Company

**Exhibit 5: LME-Nickel prices remained muted** 



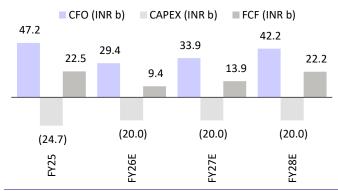
Source: MOFSL, Company

**Exhibit 6: Ferro Chrome prices recover QoQ** 



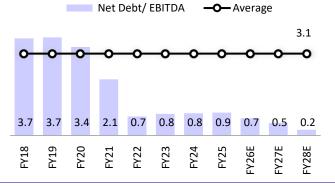
Source: MOFSL, Company

Exhibit 7: Steady capex outgo over FY26-28E



Source: MOFSL, Company

Exhibit 8: Net debt/EBITDA likely to remain at the bottom



Source: MOFSL, Company



## **Change in estimates and valuations**

**Exhibit 1: Consolidated operating performance estimates** 

Particular	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E	FY28E
Volumes (mt)	1.0	1.7	1.8	2.2	2.4	2.6	2.9	3.2
Growth %	10.4	65.2	5.6	23.2	9.1	9.4	11.0	10.4
Net Realization (INR/t)	1,20,524	1,95,931	2,02,318	1,77,331	1,65,665	1,70,811	1,76,632	1,79,978
Growth %	(14.8)	62.6	3.3	(12.4)	(6.6)	3.1	3.4	1.9
EBITDA (INR/t)	14,083	30,471	20,325	21,633	19,666	21,552	22,016	22,300
Growth %	13.2	116.4	(33.3)	6.4	(9.1)	9.6	2.2	1.3

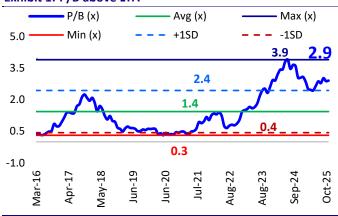
Source: MOFSL, Company

Exhibit 2: Changes to our key assumptions and estimates (consolidated)

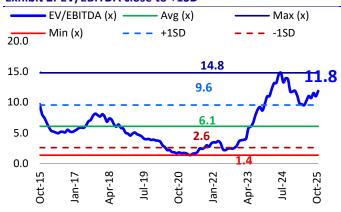
Particulars		FY26E			FY27E	_
(INR b)	New	Old	% Change	New	Old	% Change
Revenue	443	445	-0.3%	509	510	-0.3%
EBITDA	56	54	4.5%	63	64	-0.4%
Adj PAT	31	30	4.9%	37	37	-0.4%

Source: MOFSL, Company

Exhibit 1: P/B above LTA







Source: MOFSL, Company Data Source: MOFSL, Company Data

**Exhibit 3: TP calculations** 

Particular	UoM	Sep'27E
Target EV/EBITDA	х	11.0
Target EV	(INR m)	7,38,769
Net debt	(INR m)	22,448
Equity value	(INR m)	7,16,321
No. of Shares	(Nos. m)	824
ТР		870
Upside %		17%

Source: MOFSL, Company



## **Financials and Valuation**

Income statement (Consol) Y/E March	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E	(INR b)
Net sales	121.9	327.3	357.0	385.6	393.1	443.3	508.7	572.3
	(5.9)	168.6	9.1	8.0	1.9	12.8	14.8	12.5
Change (%)	107.6	276.4	321.1	338.6	346.5	387.3	445.3	501.4
Total Expenses  EBITDA	14.2	50.9	35.9	47.0	46.7	55.9	63.4	70.9
% of Net Sales	11.7	15.6	10.0	12.2	11.9	12.6	12.5	12.4
Depn. & Amortization	4.0	7.6	7.2	8.8	9.6	10.4	10.7	11.
<u>'</u>	10.2	43.3	28.6	38.3	37.1	45.6	52.8	59.4
EBIT Not Interest	4.8	3.4	3.2	5.5	6.1	6.0	7.4	8.:
Net Interest	0.4	0.7	1.3	1.7	2.9	3.1	3.6	4.0
Other income	5.8		26.6	34.4	33.9	42.7		
PBT before EO		40.6	20.0		0.1		48.9	55.2
EO income	(1.0) <b>6.8</b>	40.6	26.6	(1.0) <b>35.4</b>	33.8	(0.2) <b>42.9</b>	40.0	
PBT after EO		40.6					48.9	55.2
Tax	2.7	10.5	6.9	9.0	8.4	11.0	12.2	13.8
Rate (%)	39.5	25.9	25.9	25.4	24.8	25.6	25.0	25.0
PAT before MI and Asso.	4.1	30.1	19.7	26.4	25.4	31.9	36.7	41.4
Minority interests	0.0	0.3	(0.3)	(0.2)	(0.1)	0.0		
Share of Associates	0.1	1.0	1.1	0.5	(0.4)	(0.3)	-	
Reported PAT after MI and Asso.	4.2	30.8	21.1	27.1	25.1	31.6	36.7	41.4
Adj. PAT (after MI & Asso)	<b>3.2</b> 373.6	30.8	21.1	26.1	25.1	31.4	36.7	41.
Change (%)	373.0	871.8	(31.3)	23.6	(3.9)	25.0	16.8	12.9
Balance sheet (Consol)	EV24	EVOO	EVOO	EV2.4	EVOE	EVACE	EVOZE	EV/201
Y/E March	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E	FY28
Share Capital	1.0	1.1	1.6	1.6	1.6	1.6	1.6	1.
Reserves	31.1 <b>32.1</b>	97.2	117.7 119.3	141.9	165.2 <b>166.9</b>	193.9	227.3	265. <b>267.</b>
Net Worth	0.1	<b>98.2</b> 0.7	0.4	<b>143.6</b> 0.2	0.2	<b>195.6</b> 0.2	<b>229.0</b> 0.2	0.
Minority Interest Total Loans	31.5	39.2	38.7	59.5	63.0	67.9	77.8	86.:
Deferred Tax Liability	4.6	8.9	8.6	12.4	13.0	13.0	13.0	13.0
Capital Employed	71.1	150.8	171.3	219.9	247.1	280.7	324.0	370.4
Gross Block	81.2	112.5	131.9	164.6	182.1	200.1	224.1	248.:
Less: Accum. Deprn.	22.6	32.4	38.6	42.0	49.8	60.2	70.8	82.
Net Fixed Assets	58.6	80.1	93.3	122.6	132.3	139.9	153.3	165.
Capital WIP	0.6	11.7	14.1	21.1	33.6	35.6	31.6	27.
Investments	7.0	14.2	12.7	16.7	27.8	27.8	27.8	27.
Curr. Assets	41.2	119.9	151.1	147.8	168.0	183.3	223.0	269.
Inventory	27.9	67.9	83.9	79.3	97.0	100.5	114.1	129.
Account Receivables	9.3	38.6	36.6	28.4	31.1	34.3	43.7	51.
Cash and Bank Balance	1.2	2.6	9.3	19.9	22.7	31.3	48.0	71.0
Others	2.8	10.9	21.3	20.3	17.2	17.2	17.2	17.2
Curr. Liability & Prov.	36.2	75.0	99.8	88.2	114.5	105.9	111.5	120.
Account Payables	26.3	57.4	78.2	69.3	91.4	82.7	88.4	97.
Provisions & Others	9.9	17.6	21.6	19.0	23.1	23.1	23.1	23.:
Not Commont Assets	5.0	44.9	51.3	59.6	53.5	77.5	111.5	149.3
Net Current Assets	3.0		31.3	33.0	33.3	77.0		



## **Financials and Valuation**

Ratios								
Y/E March	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E	FY28E
Basic (INR)								
EPS	6.5	58.6	25.7	31.7	30.5	38.1	44.5	50.3
Cash EPS	16.9	73.6	34.1	43.4	42.0	51.0	57.5	64.3
BV/Share	65.8	186.9	144.9	174.4	202.6	237.5	278.0	324.3
DPS	-	-	2.5	3.0	3.0	3.5	4.0	4.0
Pay-out (%)			9.7	9.1	9.9	9.1	9.0	8.0
Valuation (x)			3.,	3.1	3.3	3.1	3.0	0.0
P/E	6.2	2.7	7.0	21.7	18.5	19.4	16.7	14.8
Cash P/E	3.2	2.2	5.2	16.4	13.3	14.6	12.9	11.6
P/BV	0.8	0.9	1.2	4.1	2.8	3.1	2.7	2.3
EV/Sales	0.5	0.4	0.5	1.6	1.3	1.5	1.3	1.1
EV/EBITDA	4.0	2.4	4.9	13.3	10.7	11.6	10.1	8.8
Dividend Yield (%)	4.0	-	1.4	0.4	0.5	0.5	0.5	0.5
	-	<u>-</u>	1.4	0.4	0.5	0.5	0.5	0.5
Return Ratios (%)	11.7	1F.C	10.0	12.2	11.0	12.6	12.5	12.4
EBITDA Margins (%)	11.7	15.6	10.0	12.2	11.9	12.6	12.5	12.4
Net Profit Margins (%)	2.6	9.4	5.9	6.8	6.4	7.1	7.2	7.2
RoE	9.9	31.3	17.7	18.2	15.1	16.1	16.0	15.5
RoCE (pre-tax)	9.5	22.4	13.4	13.9	12.3	13.0	13.2	13.0
RoIC (pre-tax)	11.9	21.3	13.6	13.7	12.4	12.9	12.3	11.6
Working Capital Ratios								
Fixed Asset Turnover (x)	2.1	3.6	3.3	2.7	2.4	2.5	2.8	3.0
Asset Turnover (x)	1.1	1.4	1.3	1.3	1.1	1.1	1.2	1.2
Debtor (Days)	24	39	40	32	28	32	35	35
Inventory (Days)	89	91	93	90	94	100	100	100
Creditors(Days)	90	55	77	79	85	80	75	75
Working Capital (Days)	23	75	56	43	37	52	60	60
Leverage Ratio (x)								
Current Ratio	1.1	1.6	1.5	1.7	1.5	1.7	2.0	2.2
Interest Cover Ratio	2.1	12.6	8.8	6.9	6.1	7.6	7.1	7.3
Debt/Equity	0.9	0.4	0.2	0.3	0.2	0.2	0.1	0.1
Cash flow (Consol)								
Y/E March	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E	FY28E
EBITDA	14.2	50.9	35.9	47.0	46.7	55.9	63.4	70.9
	(1.8)	(32.3)	2.0	7.5	6.6	(15.4)	(17.3)	(14.9)
(Inc)/Dec in Wkg. Cap. Tax Paid	0.1							
Others	0.1	(8.6) 0.4	(7.5)	(7.4)	(6.2) 0.1	(11.0)	(12.2)	(13.8)
			0.6	1.0		(0.1)	22.0	42.2
CF from Op. Activity	13.1	10.4	31.0	48.2	47.2	29.4	33.9	42.2
(Inc)/Dec in FA + CWIP	(1.6)	(9.7)	(16.5)	(29.4)	(24.7)	(20.0)	(20.0)	(20.0)
(Pur)/sale of Invest.	(0.1)	(0.3)	(8.7)	(2.4)	(6.7)	-	-	-
Int. & Dividend Income	0.2	0.2	0.3	(1.6)	(3.0)	3.1	3.6	4.0
Others	(0.0)	<del>-</del>	<u> </u>	<del>-</del>	-	-	<u> </u>	-
CF from Inv. Activity	(1.5)	(9.9)	(24.8)	(33.4)	(34.4)	(16.9)	(16.4)	(16.0)
Equity raised/(repaid)	0.5	1.1	-	-	0.0	-	-	-
Debt raised/(repaid)	(8.3)	3.3	(8.0)	0.1	(10.2)	4.9	10.0	8.2
Dividend (incl. tax)	-	-	-	(2.9)	(2.4)	(6.0)	(7.4)	(8.2)
Interest paid	(3.4)	(3.3)	(3.0)	(5.3)	(5.9)	(2.9)	(3.3)	(3.3)
Other financing	(0.0)	(0.1)	(0.1)	(0.2)	(0.3)	-	-	-
CF from Fin. Activity	(11.2)	1.0	(3.9)	(8.3)	(18.8)	(4.0)	(0.7)	(3.3)
(Inc)/Dec in Cash	0.4	1.5	2.3	6.5	(6.0)	8.6	16.7	23.0
Add: opening Balance	0.4	0.9	2.4	4.7	12.3	6.3	14.9	31.7
Regrouping / transaction Adj.	0.0	-	0.0	1.1	0.1	-	-	-
Closing cash balance	0.8	2.4	4.7	12.3	6.3	14.9	31.7	54.6
Bank Balance	0.4	0.2	4.6	7.6	16.4	16.4	16.4	16.4
Closing Balance (incl. bank balance)	1.2	2.6	9.3	19.9	22.7	31.3	48.0	71.0

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



## NOTES



Disclosures

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

<sup>\*</sup>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.

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 and BSE enlistment no. 5028. 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 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 and is a member of Association of Portfolio Managers in India (APMI) for distribution of PMS products. Details of associate entities of Motilal Oswal Financial Services Ltd. are available on the website at rmant/documents/Associate% Details.pdf /onlinereports.motilaloswal.com/D

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 pending tigation.aspx. As per Regulatory requirements, Research Audit Report is uploaded on www.motilaloswal.com > MOFSL-Important Links > MOFSL Research Analyst Compliance Audit Report.

A graph of daily closing prices of securities is available at <a href="www.nseindia.com">www.nseindia.com</a>, <a href="www.nseindia.com">www.bseindia.com</a>, <a href="www.nseindia.com">www.bseindia.com</a>, <a href="www.nseindia.com">www.nseindia.com</a>, <a href="www.nseindia.co 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 Śingapore 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.
- 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.
- MOFSL may have received compensation or other benefits from the subject company(ies) or third party in connection with the research report.
- 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 solely for your imminded 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, enlistment as RA with Exchange 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	
Mr. Neeraj Agarwal	022 40548085	na@motilaloswal.com	
Mr. Siddhartha Khemka	022 50362452	po.research@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, BSE enlistment no. 5028, AMFI registered Mutual Fund Distributor and SIF Distributor: ARN : 146822. IRDA Corporate Agent - CA0579, APMI: APRN00233. 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.