

Kirloskar Oil Engines

 BSE SENSEX
 S&P CNX

 73,829
 22,397

K*rloskar Oil Engines

Bloomberg	KOEL IN
Equity Shares (m)	145
M.Cap.(INRb)/(USDb)	94.7 / 1.1
52-Week Range (INR)	1450 / 544
1,6,12 Rel. Per (%)	-6/-38/-16
12M Avg Val (INR M)	363

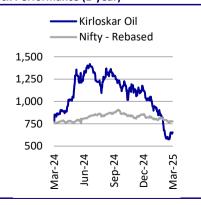
Financials & Valuations (INR b)

Y/E MARCH	FY25E	FY26E	FY27E
Net Sales	50.1	58.1	67.6
EBITDA	6.4	7.6	9.1
PAT	4.1	4.9	6.1
EPS (INR)	28.1	34.0	41.8
GR. (%)	12.5	20.8	23.2
BV/Sh (INR)	201.8	226.6	257.3
Ratios			
ROE (%)	14.7	15.9	17.3
RoCE (%)	14.2	15.5	17.0
Valuations			
P/E (X)	23.2	19.2	15.6
P/BV (X)	3.2	2.9	2.5
EV/EBITDA (X)	14.9	12.2	9.8
Div Yield (%)	1.2	1.4	1.7

Shareholding Pattern (%)

As On	Dec-24	Sep-24	Dec-23
Promoter	41.2	41.2	41.2
DII	25.0	24.9	24.4
FII	11.0	10.8	9.1
Others	22.8	23.1	25.4
FII includes de	enository reg	eints	

Stock Performance (1-year)



CMP: INR652

TP: INR1,150 (+76%)

Buy

Favorable valuations; close to bottoming out

We recently interacted with the management of KOEL to gain insights into the growth drivers for both B2B and B2C divisions. The company's performance during last guarter was impacted by low demand and its selective kVA focus in the powergen segment, as well as shifting of its facility for the B2C division. Demand in the powergen segment has now started improving sequentially and operations have stabilized at the B2C division as well. Despite near-term volatility that may exist in the powergen marketdue to high base of last year and increased competition, we expect KOEL to benefit from 1) a shift in focus towards mid to high kVA segments in powergen, 2) increased focus towards new areas in the industrial segment, 3) improved touchpoints in the distribution segment, and 4) better profitability of B2C division over next few years. The company's initiatives are aligned with these areas, and we expect results to be visible over next few years. We trim our estimates by 4%/6% for FY26/27 to bake in slightly lower margin and continue to value the company at 25x Mar'27 earnings. urrent stock price is factoring in extreme pessimism related to growth and margins, which we believe is unwarranted. We reiterate BUY with a revised SoTP-based TP of INR1,150.

Key investment thesis

Powergen market scenario and positioning of KOEL

The powergen market demand over last two quarters was impacted by a steep increase in pricing and pre-buying ahead of the CPCB 4+ implementation. Demand has now started to improve sequentially and industry volumes are expected to improve to 36,000-38,000 units for 4QFY25 from 32,000 units in 3QFY25 Within this, KOEL is strategically not chasing low-kVa volumes particularly from telecom market where market is highly commoditized. This approach, we believe, would have resulted in other players gaining market share in the powergen market during 3QFY25. Company is focusing on increasing share of volumes in mid to high-kVa ranges. It is planning to increase share of HHP sales in powergen revenues by 400-500bps in next 1-2 years. KOEL is already executing orders upto 2,500kVA and would also plan to increase presence in project business on HHP side over time. We, thus, expect KOEL volumes to start reflecting an improvement over next few quarters first from 250-750kva nodes and later from HHP nodes. We expect powergen revenues to get impacted in FY25 and expect it to recover from FY26 as powergen market stabilizes.

Industrial segment growth drivers for KOEL

Industrial segment revenues during 9MFY25 grew 20% YoY, led by strong demand from the infrastructure and construction sectors. KOEL will continue to maintain its focus on construction, concrete handling, railways, mining, and defense, and is optimistic about the growth prospects from existing and new segments. The company has recently launched 1) BSV engines for various construction applications like backhoe & wheel loaders, cranes, material handling, and road & concrete equipment, 2) Air-cooled engines, including

Research analyst - Teena Virmani (Teena.Virmani@MotilalOswal.com)

Prerit Jain (Prerit.Jain@MotilalOswal.com)

Investors are advised to refer through important disclosures made at the last page of the Research Report. Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.



India's first CNG-powered air-cooled engine for concrete equipment, 3) India's only 1100 HP engine for mining applications like dump trucks, dozers, and excavators, and 4) Advanced futuristic technologies, such as hybrid engines and hydrogen-fueled internal combustion engines. The company's newly launched CEV BS-V engines meet stringent emission norms. With these initiatives and a focus on the construction and infrastructure sectors, we expect a 14% revenue CAGR for the industrial segment for KOEL over FY24-27.

Distribution reach better than smaller and new players in the industry

The distribution reach of KOEL is much better than other players in the industry. The company has 430+ service touchpoints. KOEL is expanding its presence in the retail channel by focusing on a wider product portfolio catering to both urban and rural needs. With introduction of electronic products across powergen and industrial, the company is focusing on upskilling channel partners. Growth in the distribution business over past few years has been driven by increased touchpoints. Going forward too, the company expects growth to be driven by both spare parts and AMCs with the increasing complexities of electronic products. Our discussion with channel partners also indicated that while other players in the industry are catching up on product availability, they lack the wide distribution network, where KOEL and KKC lead.

Export growth will be largely driven by US and Middle East

The export segment growth of KOEL has not panned out in line with the initial vision of the company. Along with this, improving power supply scenario in South Africa impacted offtake on powergen exports. While we may see near-term weakness in exports for the company, KOEL intends to scale up the business sustainably, with a strong foundation already in place. KOEL is working on establishing exclusive Kirloskar Genset Original Equipment Manufacturers (GOEMs) in key markets worldwide. It has successfully identified and appointed GOEMs in two key regions: the US and Middle East. Kirloskar Americas Corporation (KAC) acquired a 51% stake in Engines LPG LLC, dba Wildcat Power Gen, in the US market. KOEL had appointed Myspan Power Solutions as an exclusive GOEM for GCC countries.

B2C segment stabilizing following the facility shift

Our analysis of financials of key players that are focused on the pump industry indicates that scope of margin expansion is significant for KOEL. Its B2C division's performance was impacted by the facility shift. B2C losses at PBIT level had widened during the quarter, with a -9.3% EBIT margin due to initial ramp-up issues from consolidation of five of its plants into a single unit in Ahmedabad. With the normalization of volumes in B2C from Dec'24-end, KOEL expects margins in the B2C segment to revert to previous levels. Additionally, the company aims to bring these margins to around 8-10% over time. With improved volumes from B2C, we expect a better absorption of costs and higher margins for the company as a whole.



Financial outlook

We slightly trim our revenue growth and margin estimates in line with the industry's growth trend. We expect 12%/17%/19% CAGR in revenue/EBITDA/PAT, driven by 11%/14%/12% CAGR in powergen/industrial/distribution/export revenues in the B2B segment, while we expect B2C to start ramping up and post a 10% CAGR over FY24-27. We expect EBITDA margin to expand to 13.0%/13.5% by FY26/27.

Valuation and view

The stock is currently trading at 23.2x/19.2x/15.6x FY25/26/27E earnings. Adjusted with subsidiary valuation, KOEL is trading at 19.3x/16.0x/13.0x FY25/26/27E EPS, which is still at a significant discount to the market leader. On reverse calculation, the current stock price is baking in 9% revenue CAGR, 10% EBITDA margin, and 3% PAT CAGR over FY24-27, which we believe is unwarranted and is factoring in a bear case scenario of low growth and low valuation multiples of 20x for the core business. Our base case assumptions and target multiple of 25x for the core business (at a 40% discount to the market leader) imply a TP of INR1,150 on Mar'27 estimates. We reiterate BUY on KOEL as we expect the company to benefit from the changing business mix, with results to be visible over the medium to long term.

Key risks and concerns

Demand slowdown, competitive intensity, higher costs for the B2C division, the risk of further fund infusion in Arka Fincap, and technology risks are the key risks for KOEL.

Manufacturing

20%

Infra

15%

Source: Company, MOFSL

Real estate 15%



Powergen market to stabilize from 1QFY26

Exhibit 1: Genset industry size has grown by nearly 25-30% post CPCB 4+ to INR125-130b



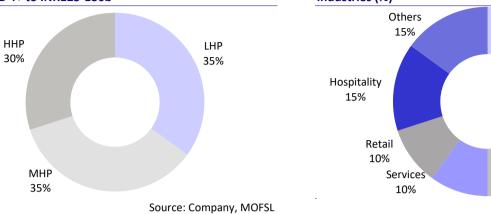


Exhibit 3: Pricing of CPCB 4+ across nodes for different players indicates that Cummins is at the premium while Mahindra Powerol, Ashok Leyland, and Greaves Cotton are at a discount to the market leader (INR)

			count to the market lead		
Node	Cummins	KOEL	Mahindra Powerol	Ashok Leyland	Greaves Cotton
15kva	3,40,000	3,25,000	2,87,000	2,95,000	2,80,000
20kva	3,48,000	3,14,000	3,10,000	3,17,000	3,25,000
30kva	6,12,000	5,72,000	5,21,000	5,50,000	5,36,000
40kva	7,05,000	6,95,000	6,85,000	6,70,000	6,70,000
58.5kva	7,90,000	7,00,000	7,00,000		
82.5kva	11,00,000	10,85,000	10,80,000	9,23,000	8,80,000
125kva	12,00,000	11,45,000	10,40,000	10,58,000	10,75,000
160kva	16,25,000	15,60,000	13,75,000	14,50,000	14,03,000
200kva	21,45,000	19,50,000	18,40,000		
250kva	22,50,000	20,50,000	18,60,000	18,00,000	18,92,000
500kva	43,00,000	38,80,000	35,00,000	32,50,000	32,40,000
750kva	74,50,000	67,50,000			

Source: Channel checks, Industry, MOFSL



Industrial segment to benefit from new areas and products

Exhibit 4: For the revised CEV-5 norms, the company has introduced new engines, some of which are listed below

New products introduced by the company catering to the Industrial business segment

- BSV engines for various construction applications like backhoe & wheel loaders, cranes, material handling, and road & concrete equipment
- Air-cooled engines, including India's first CNG-powered air-cooled engine for concrete equipment
- India's only 1100 HP engine for mining applications like dump trucks, dozers, and excavators

Source: Company, MOFSL

Distribution network of KOEL is better than many players

Exhibit 5: Distribution model for key genset players in the genset industry

Description	Cummins India	KOEL	Mahindra Powerol	Greaves Cotton	MTU	Caterpillar	Baudouin
Product range	7.5-3750 kVa	2.8-3000 kVa	5.0-625 kVA	5-2500 kVA	30-4000 kVa	400-2250 kVa (CAT and Perkins)	250-4000kVa (CPCB 4+ is from 100-750kVa)
Manufacturing location	4 - Pune, Nandal (Satara), Post Kasar Amboli (Pune), Chennai	5 - Pune, Kagal, Nasik, Rajkot and Bhare	2 - Pune and Delhi	Aurangabad		5 - Tiruvallur (TN), Hosur (TN), Aurangabad (Maharastra)	2- Engine manufacturing at Pune, full genset at Satara
Other details			Number 2 in India in terms of volume in FY24		It is a brand of Rolls Royce Power systems AG		More of CKD unit source most material from China
Service network	+450	+432 authorized service centers across India	300+	NA	13 in India	7 locations plus dealer network of OEMs	25 locations
Dealer network	21 authorized dealerships, 120+ dealership branch offices	450+	+200	435+		North, east, northeastern, South, west, central india	Own network of 25 location
Vol market share	20%	30%	20%			NA	NA
OEMs	3	9	11	8	6	2	2
OEM names	Sudhir Power, Jakson Group, Powerica		Joyshree Powerol, Perfect Generator Technologies, Gangadhar Industries, G. S. P. POWER SYSTEMS, Rahim Engineering Works, Sharda Diesels, Escon Genset, Southern Gensets, Shyam Global Techoventures, Tanwar Industries, Recon Technologies		Diesel Genset, Gas genset, Dynamic UPS, Energy Storage, Containerized solutions and accessories and gendrive engines	Gainwell Commosales, GMMCO	Powerparts, Sterling generators

Source: Industry, Company, MOFSL



KOEL's B2C segment has scope for further improvement vs. peers

Exhibit 6: Comparison of pumps players - products & industries served

кс	DEL	Shakti	Pumps	Kirloskar	Kirloskar Brothers		B Ltd	W	/PIL
Product line- up	Industries served	Product line- up	Industries served	Product line- up	Industries served	Product line- up	Industries served	Product line- up	Industries served
Engine-based pumps	Construction	Solar pumps	Government	End suction pumps	Construction	Standard products	Thermal power	Engineered/ large pumps	Industrial
Electric pumps (KOEL)	Agriculture	Wastewater pumps	Industrial	Split-case pumps	Oil & gas	Engineered products	Nuclear power	Conventional water pumps	Municipal
Electric pumps (LGM)	Residential	Submersible pumps	Commercial	Multi-stage pumps	Marine and defense		Oil & gas		Firefighting
			OEM	Sump pump	Power		Fertilizer		Oil & gas
			Retail	Vertical inline pump	Process Industries		Firefighting		Thermal power
				Vertical turbine pump	Irrigation		General engineering		Nuclear power
				Non-clog submersible pump			Construction		
				Special engineered pump			Agriculture		
				Hydro turbines and PAT			Railways		
				Submersible			Wastewater		
				pumps			management		
							Life sciences		
							Navy		
							Marine		

Source: Company, MOFSL

Exhibit 7: Key financial performance indicators for pump players (INR b)

Net Sales (INR b)						EBIDTA margin (%)				Adj PAT (INR b)				RoCE (%)						
Company 2020	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Kirloskar Brothers	31.4	27.2	30.6	37.3	40.0	6.6	8.9	6.7	10.6	13.0	0.7	1.6	0.9	2.4	3.4	11.7	14.6	10.6	20.2	26.3
KSB Ltd	12.9	12.1	15.0	18.2	22.5	11.7	13.9	14.0	13.5	13.1	0.9	0.9	1.5	1.8	2.1	16.5	16.6	20.0	22.3	22.5
Shakti Pumps	3.8	9.3	11.8	9.7	13.7	3.2	15.3	9.4	6.9	16.4	-0.1	0.8	0.6	0.2	1.4	-0.2	28.7	21.1	10.2	31.1
WPIL Ltd	9.1	9.9	11.8	16.1	16.6	13.0	15.7	17.8	16.7	17.9	0.6	0.8	1.0	1.5	-0.2	13.5	17.0	19.6	25.8	23.4
																	Source	e. Com	nanv I	MOFSI



Arka's AUM growth is healthy

Exhibit 8: Arka's AUM has grown to INR67.4b in 3QFY25 from INR11b in FY21

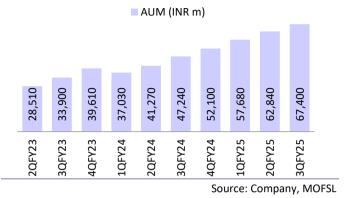


Exhibit 10: NIM has come off over the last fouryears from the highs of 6.6% in FY21

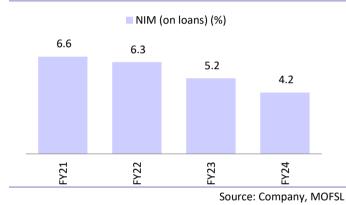
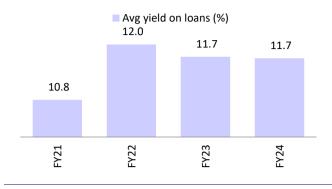
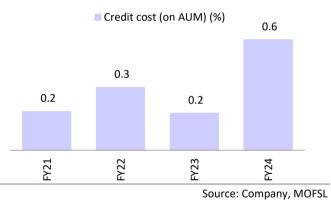


Exhibit 9: Average yield on loans is around 11-12% for Arka Fincap









Valuation and view

The stock is currently trading at 23.2x/19.2x/15.6x FY25/26/27E earnings. Adjusted with subsidiary valuation, KOEL is trading at 19.3x/16.0x/13.0x FY25/26/27E EPS, which is still at a significant discount to the market leader.

Exhibit 12: Reverse valuation vs. Target valuation

	Reverse Valuation at CMP	Target valuation		Rationale
Core business revenue growth CAGR over FY24-27 (%)	9%	12%	*	The current market price is factoring in much lower growth in the powergen, industrial, and distribution segments while we factor in 12% revenue CAGR for FY24-27.
EBITDA margin assumption for FY26/27 (%)	10%	13% - 13.5%	*	The current market price implies the same margins as 3QFY25 for future years while we build in margin expansion on improved revenue mix.
PAT CAGR over FY24-27 (%)	3%	19%	*	With these assumptions, we expect PAT CAGR of 19% over FY24-27.
Core business valuation multiple (x)	20x	25x	*	Current market prices also imply much lower valuation multiple of 20x for the core business while we value it at 25x, @40% discount to target valuation of market leader.
Core business valuation (INR m)	78,000	1,50,889		
Valuation of investments (INR m)	15,792	15,792		
Total valuation (INR m)	93,792	1,66,680		
Price per share (INR)	647	1,150		

Source: Company, MOFSL

On reverse calculation, the current stock price is baking in 9% revenue CAGR, 10% EBITDA margin, and 3% PAT CAGR, which we believe is unwarranted; it is factoring in a bear case scenario of low growth and low valuation multiples of 20x for core business.

With our base case assumptions and target multiple of 25x for the core business (at a 40% discount to the market leader), we arrive at a TP of INR1,150 on Mar'27 estimates.

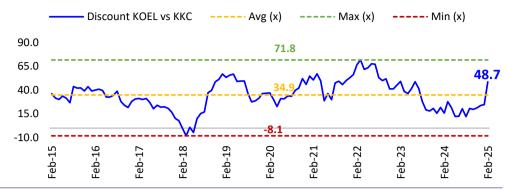
We reiterate BUY on KOEL as we expect the company to benefit from the changing business mix, with results to be visible over medium to long term.



Exhibit 13: KOEL is trading at 15x on Mar'27 estimates



Exhibit 14: KOEL has historically traded at a discount vs KKC. Currently, the discount has widened above the 10Y average (%)



Source: Company, MOFSL

Exhibit 15: We trim our estimates by 4%/6% for FY26/27 to bake in slightly lower margin

(INR M)		FY25E			FY26E		FY27E				
	Rev	Old	Chg (%)	Rev	Old	Chg (%)	Rev	Old	Chg (%)		
Net Sales	50,140	50,140	-	58,103	58,103	-	67,570	68,570	(1.5)		
EBITDA	6,368	6,518	(2.3)	7,553	7,844	(3.7)	9,122	9,600	(5.0)		
EBITDA (%)	12.7	13.0	-30 bps	13.0	13.5	-50 bps	13.5	14.0	-50 bps		
Adj. PAT	4,070	4,182	(2.7)	4,915	5,130	(4.2)	6,057	6,417	(5.6)		
EPS (INR)	28.1	28.9	(2.7)	34.0	35.4	(4.2)	41.8	44.3	(5.6)		

Source: Company, MOFSL

Exhibit 16: SoTP valuation: We value core business at 25x Mar'27 estimates

	Earnings / book	Valn multiple	Value	KOEL's share	Value for KOEL's share	Per share value		
	(INR m)	(X)	(INR m)	(%)	(INR m)	(INR)	Val	luation basis
KOEL valuation								
Core business	6,057	25	1,50,889	100	1,50,889	1,041	*	25X two-year fwd EPS; @40% discount to KKC
Investments								
La Gajjar Machineries	104	12	1,251	100	1,251	9	*	12X P/E two-year forward earnings
Arka Fincap	11,100	1	14,541	100	14,541	100	*	1.3X P/BV on expanded two-year forward book
Total					1,66,680	1,150		



Financial outlook

Exhibit 17: We expect powergen revenue to grow at 11% CAGR over FY24-27

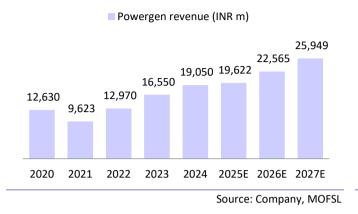


Exhibit 19: We expect distribution revenue growth to remain strong at 14% CAGR over FY24-27



Exhibit 21: We expect B2C revenue to post a CAGR of 10% over FY24-27 with expanding footprint



Source: Company, MOFSL

Exhibit 18: We expect industrial revenue to post a CAGR of 14% over FY24-27 on strong demand



Exhibit 20: We expect exports revenue to post a 12% CAGR over FY24-27



Exhibit 22: We expect margin expansion to be driven by better cost absorption of B2C and higher share of HHP (%)





Exhibit 24: We expect OCF & FCF to improve further (INR m)

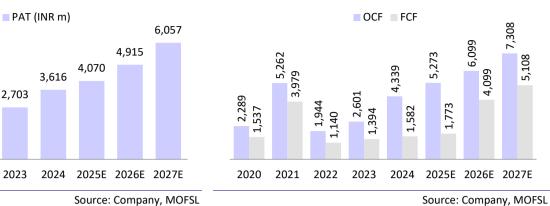


Exhibit 23: We expect PAT to post 19% CAGR over FY24-27

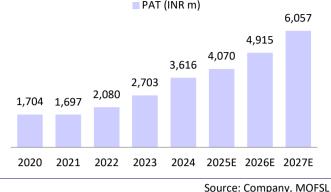
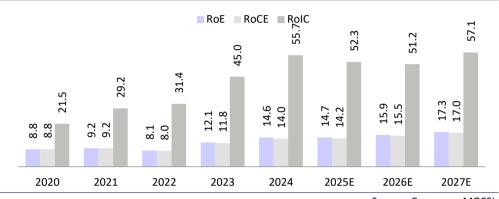


Exhibit 25: Return ratios to improve with improved profitability (%)





Financials and valuation

Y/E March	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Total Income from Operations	26,944	32,997	41,161	48,505	50,140	58,103	67,570
Change (%)	-6.4	22.5	24.7	17.8	3.4	15.9	16.3
Raw Materials	17,431	22,912	27,897	32,439	32,591	37,767	43,920
Gross Profit	9,513	10,085	13,264	16,066	17,549	20,336	23,649
Employees Cost	1,989	2,070	2,365	3,069	3,510	4,067	4,730
Other Expenses	4,686	5,327	6,630	7,355	7,671	8,716	9,798
Total Expenditure	24,106	30,309	36,892	42,864	43,773	50,550	58,448
% of Sales	89.5	91.9	89.6	88.4	87.3	87.0	86.5
EBITDA	2,838	2,688	4,269	5,642	6,368	7,553	9,122
Margin (%)	10.5	8.1	10.4	11.6	12.7	13.0	13.5
Depreciation	622	772	848	970	1,103	1,248	1,360
EBIT	2,217	1,915	3,422	4,672	5,265	6,305	7,762
Int. and Finance Charges	64	62	54	78	132	90	74
Other Income	245	248	273	274	351	407	473
PBT bef. EO Exp.	2,398	2,100	3,641	4,868	5,484	6,622	8,162
EO Items	-84	527	0	0	0	0	C
PBT after EO Exp.	2,314	2,627	3,641	4,868	5,484	6,622	8,162
Total Tax	617	547	939	1,252	1,414	1,708	2,104
Tax Rate (%)	26.6	20.8	25.8	25.7	25.8	25.8	25.8
Minority Interest	0	0	0	0	0	0	C
Reported PAT	1,697	2,080	2,703	3,616	4,070	4,915	6,057
Adjusted PAT	1,759	1,663	2,703	3,616	4,070	4,915	6,057
Change (%)	11.4	-5.4	62.5	33.8	12.5	20.8	23.2
Margin (%)	6.5	5.0	6.6	7.5	8.1	8.5	9.0

Standalone - Balance Sheet

Standalone - Balance Sheet							(INR M)
Y/E March	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Equity Share Capital	289	289	290	290	290	290	290
Total Reserves	19,542	21,105	23,028	25,937	28,917	32,517	36,953
Net Worth	19,832	21,395	23,318	26,227	29,207	32,807	37,243
Total Loans	793	976	751	2,091	1,219	1,019	819
Deferred Tax Liabilities	125	146	61	100	100	100	100
Capital Employed	20,749	22,517	24,131	28,418	30,526	33,925	38,161
Gross Block	16,281	16,990	17,425	19,052	22,552	24,552	26,752
Less: Accum. Deprn.	11,826	12,488	13,174	14,144	15,246	16,494	17,854
Net Fixed Assets	4,455	4,502	4,251	4,908	7,306	8,058	8,898
Capital WIP	549	393	664	2,426	2,426	2,426	2,426
Total Investments	15,340	16,722	16,925	18,762	18,762	18,762	18,762
Curr. Assets, Loans & Adv.	8,092	8,505	11,557	13,115	13,189	17,608	23,110
Inventory	2,652	3,031	4,685	5,235	5,412	6,271	7,293
Accounts Receivable	3,558	3,945	4,672	5,684	5,876	6,809	7,919
Cash and Bank Balance	294	314	338	980	659	3,153	6,366
Loans and Advances	872	656	852	808	835	967	1,125
Other Assets	716	558	1,011	408	408	408	408
Curr. Liability & Prov.	7,686	7,606	9,267	10,793	11,157	12,929	15,035
Accounts Payable	6,419	6,175	6,326	7,274	7,519	8,713	10,133
Other Current Liabilities	646	729	1,700	2,223	2,298	2,663	3,097
Provisions	622	702	1,241	1,296	1,340	1,553	1,806
Net Current Assets	406	899	2,291	2,322	2,032	4,680	8,075
Appl. of Funds	20,749	22,517	24,131	28,418	30,526	33,925	38,161



Financials and valuation

Ratios							
Y/E March	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Basic (INR)							
EPS	12.2	11.5	18.7	25.0	28.1	34.0	41.8
Cash EPS	16.4	16.8	24.5	31.7	35.8	42.6	51.3
BV/Share	137.0	147.8	161.1	181.2	201.8	226.6	257.3
DPS	1.5	4.7	5.0	6.7	7.5	9.1	11.2
Payout (%)	12.8	32.6	26.8	26.8	26.8	26.8	26.8
Valuation (x)							
P/E	53.7	56.8	35.0	26.1	23.2	19.2	15.6
Cash P/E	39.7	38.8	26.6	20.6	18.2	15.3	12.7
P/BV	4.8	4.4	4.1	3.6	3.2	2.9	2.5
EV/Sales	3.5	2.9	2.3	2.0	1.9	1.6	1.3
EV/EBITDA	33.5	35.4	22.2	16.9	14.9	12.2	9.8
Dividend Yield (%)	0.2	0.7	0.8	1.0	1.2	1.4	1.7
FCF per share	27.5	7.9	9.6	10.9	12.3	28.3	35.3
Return Ratios (%)							
RoE	9.2	8.1	12.1	14.6	14.7	15.9	17.3
RoCE	9.2	8.0	11.8	14.0	14.2	15.5	17.0
RoIC	29.2	31.4	45.0	55.7	52.3	51.2	57.1
Working Capital Ratios							
Fixed Asset Turnover (x)	1.7	1.9	2.4	2.5	2.2	2.4	2.5
Asset Turnover (x)	1.3	1.5	1.7	1.7	1.6	1.7	1.8
Inventory (Days)	36	34	42	39	39	39	39
Debtor (Days)	48	44	41	43	43	43	43
Creditor (Days)	87	68	56	55	55	55	55
Leverage Ratio (x)							
Current Ratio	1.1	1.1	1.2	1.2	1.2	1.4	1.5
Interest Cover Ratio	34.9	30.7	63.8	60.0	39.8	70.4	105.6
Net Debt/Equity	-0.7	-0.8	-0.7	-0.7	-0.6	-0.6	-0.7

Standalone - Cash Flow Statement							(INR M)
Y/E March	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
OP/(Loss) before Tax	2,314	2,627	3,641	4,868	5,484	6,622	8,162
Depreciation	622	772	848	970	1,103	1,248	1,360
Interest & Finance Charges	38	50	35	78	132	90	74
Direct Taxes Paid	-324	-567	-960	-1,084	-1,414	-1,708	-2,104
(Inc)/Dec in WC	2,654	-157	-1,025	-441	-31	-153	-182
CF from Operations	5,304	2,726	2,539	4,391	5,273	6,099	7,308
Others	-42	-782	61	-52	0	0	0
CF from Operating incl EO	5,262	1,944	2,601	4,339	5,273	6,099	7,308
(Inc)/Dec in FA	-1,282	-804	-1,206	-2,757	-3,500	-2,000	-2,200
Free Cash Flow	3,979	1,140	1,394	1,582	1,773	4,099	5,108
(Pur)/Sale of Investments	-2,855	680	3,235	-1,091	0	0	0
Others	-1,316	-8,870	-3,585	-334	0	0	0
CF from Investments	-5,453	-8,994	-1,556	-4,182	-3,500	-2,000	-2,200
Issue of Shares	0	0	0	0	0	0	0
Inc/(Dec) in Debt	613	172	-236	1,338	-200	-200	-200
Interest Paid	-62	-53	-50	-107	-132	-90	-74
Dividend Paid	-217	-578	-723	-724	-1,089	-1,316	-1,621
Others	-20	7,529	-12	-21	-673	0	0
CF from Fin. Activity	314	7,070	-1,021	486	-2,095	-1,605	-1,895
Inc/Dec of Cash	123	20	23	643	-321	2,494	3,213
Opening Balance	171	294	314	338	980	659	3,153
Closing Balance	294	314	338	980	659	3,153	6,366

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



ΝΟΤΕS



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 (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/List%200f%20Associate%20companies.pdf

Oswal Financial Services Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/List%200f%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) new pay 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 pending Oswal Details of Enquiry Proceedings Motilal Limited available service transactions. of Financial Services are on the website https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at <u>www.nseindia.com</u>, <u>www.bseindia.com</u>. 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 investors 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 Cord is the "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").

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 2A(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

- 1. 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 2. 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 3. 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.
- 4. 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.
- 5. Research Analyst has not served as an officer, director or employee of subject company(ies).
- 6. 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.
- 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

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