

Bata India

Estimate change	
TP change	I I
Rating change	\leftarrow

Bloomberg	BATA IN
Equity Shares (m)	129
M.Cap.(INRb)/(USDb)	185.4 / 2.2
52-Week Range (INR)	1771 / 1381
1, 6, 12 Rel. Per (%)	-12/-30/-29
12M Avg Val (INR M)	508

Financials & Valuations (INR b)

	- The Thirt		
Y/E March	FY23	FY24E	FY25E
Sales	34.5	35.0	38.2
EBITDA	7.9	8.0	9.1
Adj. PAT	3.2	2.7	4.0
EBITDA Margin (%)	23.0	22.8	23.9
Adj. EPS (INR)	25.1	23.1	30.8
EPS Gr. (%)	213.3	-7.8	33.1
BV/Sh. (INR)	111.9	132.7	163.5
Ratios			
Net D:E	0.4	0.2	0.0
RoE (%)	19.9	18.9	20.8
RoCE (%)	14.4	13.6	15.1
RoIC (%)	20.0	17.1	20.9
Valuations			
P/E (x)	57.4	62.3	46.8
EV/EBITDA (x)	24.3	23.9	20.4
EV/Sales (X)	5.6	5.4	4.9
Div. Yield (%)	0.9	0.0	0.0
FCF Yield (%)	2.9	2.8	3.5

Shareholding pattern (%)

As On	Dec-23	Sep-23	Dec-22
Promoter	50.2	50.2	50.2
DII	29.7	30.0	31.6
FII	7.9	7.5	4.9
Others	12.3	12.9	13.4

FII Includes depository receipts

CMP: INR1,442 TP: INR1,480 (+3%) Neutral

Softness in operating profitability drags PAT down

- BATA's EBITDA/PAT declined 11%/30% YoY (miss) as revenue remained flat. A gross margin improvement of 130bp YoY was offset by higher operating expenses. Store additions continued as the company added 54 new stores, with a total store count of 2,204 (including Shop-in-Shops).
- Continued softness, particularly within the value segment (<INR1,000 ASP category), remains a drag. However, steady network rollout and product revamps (including apparels and sneakers) could support growth going forward. We are factoring in a revenue/PAT CAGR of 5%/11% over FY23-25E. We reiterate our Neutral rating on the stock with a TP of INR1,480.

Soft revenue growth and higher opex drag operating profits (a big miss)

- BATA's consolidated revenue for the quarter remained flat YoY at INR9b (5% miss), dragged by continued headwinds within discretionary spending.
- Gross profits, however, grew modestly at 3% YoY to INR5.1b, with margin expanding ~130bp YoY to 56.1% (vs. 58.2% estimated). This could possibly be due to the softening of RM prices and an improved product mix.
- Employee costs remained flat on a YoY basis at INR1b, while other expenses grew 20% YoY to INR2.2b. This led to an EBITDA decline of 11% YoY to INR1.8b (a big miss). EBITDA margin contracted 270bp YoY and stood at 20.2% (vs. 26.8% estimated).
- The Depreciation/Finance costs grew 14%/3% YoY. BATA's other income rose 47% YoY during the quarter.
- PAT declined 30% YoY to INR580m (a big miss), mainly due to the weak operating performance.

Key takeaways from the management interaction

- Marketing costs are likely to reach 300bp of sales; management expects the investments within marketing to translate into improved demand.
- Outperformance of the premium category was offset by continued softness in the value segment (ASP <INR1,000) for 3QFY24.
- Same-store-sales remained flat YoY as higher pricing (mid-single digit growth) led by improved product mix and channel mix was offset by volume decline.
- The omni business, which remained restricted to CO-CO, has now been expanded to franchisee outlets as well (80% franchise stores).

Valuation and view

- BATA leverages its robust balance sheet, marked by a net cash position, healthy FCF generation, and impressive returns profile, alongside substantial growth potential within the industry, to drive its growth initiatives.
- Over the last couple of years, following the change in management, a renewed focus on growth has been evident. This has been characterized by a brand refresh, introduction of new product lines (such as the newly-launched sneaker segment), and enhancements to the backend supply chain infrastructure.

Aliasgar Shakir - Research Analyst (Aliasgar.Shakir@motilaloswal.com)

Research Analyst: Tanmay Gupta (Tanmay.Gupta@motilaloswal.com) | Harsh Gokalgandhi (Harsh.Gokalgandhi@motilaloswal.com)

While the company continues to explore growth opportunities through product improvement and introduction, revenue growth has been challenging with a weak demand recovery within the value category and an improving share of the sneaker segment.

■ We model a revenue/PAT CAGR of 5%/11% over FY23-25 and ascribe a P/E of 35x on FY26E to arrive at our TP of INR1,480. **Reiterate Neutral.**

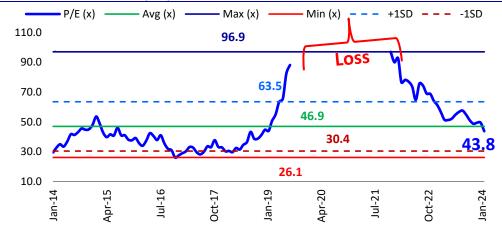
Consolidated - Quarterly Earnin		=>/0	•			E) (0			- 1/00	E1/0.4E	E)/0.4E	(INR m)
Y/E March		FY2	3			FY2	4E		FY23	FY24E	FY24E	Est
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			3QE	Var (%)
Revenue	9,430	8,298	9,002	7,786	9,581	8,191	9,035	8,210	34,516	35,018	9,496	-4.9
YoY Change (%)	253.1	35.1	7.0	17.0	1.6	-1.3	0.4	5.5	44.6	1.5	5.5	
Gross Profit	5,339	4,562	4,931	4,547	5,246	4,755	5,065	4,824	19,379	19,890	5,531	-8.4
Gross margin%	56.6	55.0	54.8	58.4	54.7	58.1	56.1	58.8	56.1	56.8	58.2	
Total Expenditure	6,983	6,688	6,941	5,966	7,186	6,375	7,210	6,262	26,579	27,034	6,951	3.7
EBITDA	2,447	1,609	2,061	1,820	2,395	1,817	1,824	1,948	7,936	7,984	2,545	-28.3
EBITDA margin	25.9	19.4	22.9	23.4	25.0	22.2	20.2	23.7	23.0	22.8	26.8	
Change YoY (%)	-876.5	35.0	22.2	12.2	-2.1	12.9	-11.5	7.0	89.6	0.6	23.5	
Depreciation	693	736	754	765	811	817	860	885	2,948	3,373	824	4.4
Interest	249	272	286	272	281	284	295	282	1,078	1,143	286	3.1
Other Income	93	119	75	99	133	155	111	103	386	501	119	-7.4
PBT before EO expense	1,597	720	1,096	882	1,436	870	780	883	4,296	3,969	1,555	-49.8
Extra-Ord expense	0	0	0	0	0	409	0	0	0	409	0	
PBT	1,597	720	1,096	882	1,436	461	780	883	4,296	3,560	1,555	-49.8
Tax	404	172	265	226	367	121	201	202	1,067	890	389	-48.4
Rate (%)	25.3	23.9	24.2	25.6	25.5	26.3	25.7	22.8	24.8	25.0	25.0	
MI & Profit/Loss of Asso. Cos.	0	0	0	0	0	0	0	0			0	
Reported PAT	1,194	548	831	656	1,069	340	580	682	3,229	2,670	1,166	-50.3
Adj PAT	1,194	548	831	656	1,069	641	580	682	3,229	2,972	1,166	-50.3
YoY Change (%)	-272	47	15	4	-10	17	-30	4	213	-8	40	
Margins (%)	13%	7%	9%	8%	11%	8%	6%	8%	9%	8%	12%	

E: MOFSL Estimates

Other Highlights:

- BATA continued with its footprint addition initiative and added 54 stores through the Franchise and SIS networks. It further renovated 36 stores in 3Q.
- The company's execution of its portfolio casualization strategy is on track, with Sneaker Studio being implemented in 655 stores.
- The latest segment, "Nine-West", is on track for launch in stores from 4QFY24 onwards.
- The company's open footwear-focused segment, "Floatz", continued to do well with 65% growth, backed by the addition of Floatz banner in seven new stores.
- The premiumization strategy continues with healthy performance seen within the Red Label, Floatz, Comfit, and Hush Puppies segments.

Exhibit 1: Valuation chart (P/E)



Source: MOFSL, Company

Exhibit 2: Valuation based on FY26E

Mar'25	(INR/share)
EPS (INR)	42
Target P/E (x)	35
Target Price (INR/share)	1480
СМР	1,442
Upside (%)	3%

Source: MOFSL, Company



Key takeaways from the management interaction

Key highlights

- Marketing costs are likely to reach 300bp of sales; management expects the investments within marketing to translate into improved demand.
- Outperformance of the premium category was offset by continued softness in the value segment (ASP <INR1,000) for 3QFY24.
- Same-store-sales remained flat YoY as higher pricing (mid-single digit growth)
 led by improved product mix and channel mix was offset by volume decline.
- The omni business, which remained restricted to CO-CO, has now been expanded to franchisee outlets as well (80% franchise stores).

Management interaction in details

Financial and operating performance

- Premiumisation playing out:
- Premium brand category has seen outperformance while value categories have continued to drag.
- The share of value category (<INR1,000) stood at 30% v/s 34% earlier; however, this is now seeing improvement and the company will look to capture the demand revival in the coming period.
- Growth was mainly driven by improved pricing (mid-single digit growth) led by improved product mix and channel mix, offset by volume decline.
- Marketing Spends:
- Investment in marketing campaign received muted response on consumer perspective. However, these campaigns have seen improved signs of brand matrix.

- ➤ BATA expects this to translate into higher outputs in coming period.
- ➤ The company is further making investments in marquee properties to improve the visibility of the brand.
- Advertising spending is expected to reach 300bp of the sales range.
- The implementation of EVA plant in Batanagar is expected to improve cost efficiency in coming period.
- The company has kept a tight control on costs and continues to invest in marketing.
- IT-related expenses witnessed a growth in YoY terms mainly due to recognition of ERP cost in opex.

Outsourcing

- Continued outsourcing of non-core area with south warehouse (300 headcount)
 has now been translated, which is expected to improve efficiency.
- The company has completed the VRS for Southcan (Bangalore) Factory which had a headcount of ~140-150.

Brands

- Floatz: The segment has a presence across 10 stores and will continue to expand offerings
- Hush Puppies:
- The company has piloted new concept stores under the brand which is giving encouraging result.
- It will look to undertake renovation of other stores and will also look to expand franchise model under kiosk for the segment.

E-Commerce and Digital

- The segment has seen improved performance with share reaching double digit from e-commerce platform
- The company has implemented order fulfilment through BATA stores and warehouses
- The omni business, which remained restricted to CO-CO, has now been expanded to franchisee outlets as well (80% franchise stores). The company expects this to improve the share of the segment in coming period.

Other highlights

- Merchandising project has gone live with pilot model running, the company expects commercialisation in coming months.
- Apparel segment has been launched within 60 active stores and the company is monitoring the demand within these stores to see if it generates delta and contributes to SSSG. The segment is expected to see expansion post mid-Sep'24.
- Nine-west would be implemented in 50 Bata Stores during current quarter. Will look to open EBO stores at a later stage.
- Store expansion and renovation:
- The company will continue to invest in COCO model while franchise stores have now crossed 500 stores.
- ➤ It has maintained its target to renovate 30-40 stores on quarterly basis.
- Average age of stores, which is ~7.5 years, is now expected to come down to 6.0-6.5 years in the coming period

- Key retail outlet (KRO) has peaked last quarter. It will continue to grow faster. The KRO's share in distribution is in early double digits, which is expected to grow further.
- BATA is looking to implement better inventory management, better availability
 of inventory in stores and better financial planning for right mix of the product
 and control on obsolesce (shifting of inventory to place where there is demand).
- Share of IND (distribution channel) stood at 12%, which is slightly lower than the stable range of 15%, e-com share stood at 10% (steady rate), share of franchise was at 7.0-7.5%, while the rest was CO-CO.
- The company stated that BIS compliant is expected to be smooth and does not see any impact of transition apart from some minor inventory levels.

Exhibit 3: Quarterly performance

Consol P&L (INR m)	3QFY23	2QFY24	3QFY24	YoY%	QoQ%	3QFY24E	v/s Est (%)
Total Revenue	9,002	8,191	9,035	0	10	9,496	-5
Raw Material cost	4,071	3,436	3,970	-2	16	3,965	0
Gross Profit	4,931	4,755	5,065	3	7	5,531	-8
Gross margin (%)	54.8	58.1	56.1	128.7	-199.0	58.2	-218.8
Employee Costs	1,029	1,058	1,027	0	-3	1,064	-3
SGA Expenses	1,841	1,880	2,213	20	18	1,923	15
EBITDA	2,061	1,816	1,824	-11	0	2,545	-28
EBITDA margin (%)	22.9	22.2	20.2	-270.0	-198.2	26.8	-660.6
Depreciation and amortization	754	817	860	14	5	824	4
EBIT	1,307	999	964	-26	-3	1,721	-44
EBIT margin (%)	14.5	12.2	10.7	-384.5	-152.6	18.1	-745.0
Finance Costs	286	284	295	3	4	286	3
Other income	75	155	111	47	-29	119	-7
Exceptional item	0	409	0			0	NM
Profit before Tax	1,096	461	780	-29	69	1,555	-50
Tax	265	121	201	-24	66	389	-48
Tax rate (%)	24.2	26.3	25.7	6.3	-57.1	25.0	NM
Profit after Tax	831	340	580	-30	71	1,166	-50
Adj Profit after Tax	831	641	580	-30	-10	1,166	-50

Source: MOFSL, Company

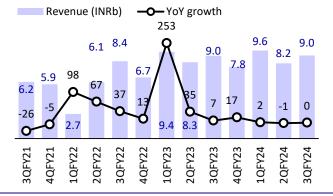
Exhibit 4: Revisions to our estimates

	FY24E	FY25E
Revenue (INR m)		
Old	35,373	38,628
Actual/New	35,018	38,240
Change (%)	-1.0	-1.0
EBITDA (INR m)		
Old	8,666	9,811
Actual/New	7,984	9,139
Change (%)	-7.9	-6.9
EBITDA margin (%)		
Old	24.5	25.4
Actual/New	22.8	23.9
Change (bp)	-170	-150
Net Profit (INR m)		
Old	3,560	4,537
Actual/New	2,977	3,961
Change (%)	-16.4	-12.7
EPS (INR)		
Old	28	35
Actual/New	23	31
Change (%)	-16.4	-12.7

Source: MOFSL, Company

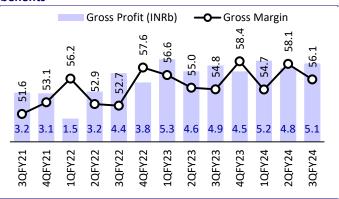
Story in charts

Exhibit 5: Revenue remained flat YoY



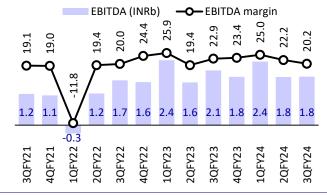
Source: MOFSL, Company

Exhibit 6: GM improved YoY due to mix and RM pricing benefits



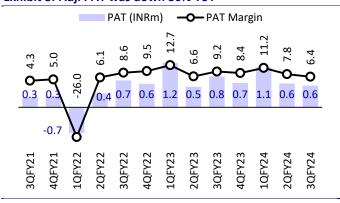
Source: MOFSL, Company

Exhibit 7: EBITDA was down 11% YoY due to high opex



Source: MOFSL, Company

Exhibit 8: Adj. PAT was down 30% YoY



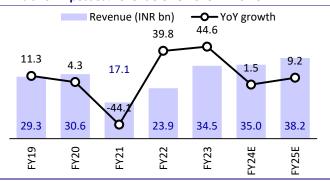
Source: MOFSL, Company

Exhibit 9: Added 54 new stores in 3QFY24



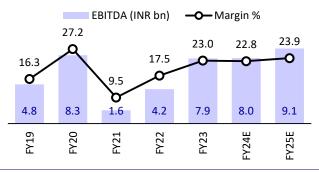
Source: MOFSL, Company

Exhibit 10: Expect 5% revenue CAGR over FY23-25



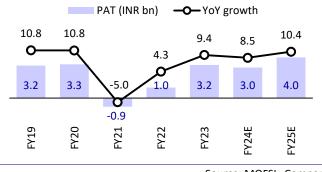
Source: MOFSL, Company

Exhibit 11: Expect 7% EBITDA CAGR over FY23-25



Source: MOFSL, Company

Exhibit 12: Expect 11% PAT CAGR over FY23-25



Source: MOFSL, Company

MOTILAL OSWAL

Financials and valuations

Consolidated - Income Statement								(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Total Income from Operations	29,311	30,561	17,085	23,877	34,516	35,018	38,240	42,159
Change (%)	11.3	4.3	-44.1	39.8	44.6	1.5	9.2	10.3
Raw Materials	12,871	12,966	8,375	10,868	15,137	15,128	16,405	18,044
Gross Profit	16,440	17,595	8,710	13,009	19,379	19,890	21,835	24,115
Margin (%)	56.1	57.6	51.0	54.5	56.1	56.8	57.1	57.2
Employees Cost	3,311	3,764	3,398	3,787	4,187	4,202	4,474	4,722
Other Expenses	8,357	5,510	3,690	5,037	7,256	7,704	8,221	8,432
Total Expenditure	24,539	22,240	15,463	19,692	26,579	27,034	29,100	31,198
% of Sales	83.7	72.8	90.5	82.5	77.0	77.2	76.1	74.0
EBITDA	4,772	8,321	1,622	4,185	7,936	7,984	9,139	10,961
Margin (%)	16.3	27.2	9.5	17.5	23.0	22.8	23.9	26.0
Depreciation	640	2,958	2,648	2,420	2,948	3,373	3,431	3,471
EBIT	4,132	5,363	-1,026	1,765	4,989	4,611	5,708	7,490
Int. and Finance Charges	35	1,177	1,035	928	1,078	1,143	1,078	1,079
Other Income	685	687	941	560	386	501	652	847
PBT bef. EO Exp.	4,782	4,872	-1,120	1,397	4,296	3,969	5,282	7,258
EO Items	-199	0	46	0	0	409	0	0
PBT after EO Exp.	4,981	4,872	-1,166	1,397	4,296	3,560	5,282	7,258
Total Tax	1,691	1,583	-273	367	1,067	890	1,320	1,815
Tax Rate (%)	33.9	32.5	23.4	26.3	24.8	25.0	25.0	25.0
Minority Interest	0	0	0	0	0	0	0	0
Reported PAT	3,290	3,290	-893	1,030	3,229	2,670	3,961	5,444
Adjusted PAT	3,159	3,290	-858	1,030	3,229	2,977	3,961	5,444
Change (%)	43.2	4.1	-126.1	-220.1	213.5	-7.8	33.1	37.4
Margin (%)	10.8	10.8	-5.0	4.3	9.4	8.5	10.4	12.9

Consolidated - Balance Sheet								(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Equity Share Capital	643	643	643	643	643	643	643	643
Total Reserves	16,823	18,323	16,938	17,504	13,739	16,409	20,371	25,814
Net Worth	17,465	18,966	17,581	18,147	14,382	17,052	21,014	26,457
Total Loans	0	12,491	10,323	10,942	12,464	12,569	12,588	12,604
Lease Liabilities		12,491	10,323	10,942	12,464	12,569	12,588	12,604
Deferred Tax Liabilities	0	0	0	0	0	0	0	0
Other Liabilities	1,025	25	21	20	5	5	5	5
Capital Employed	18,491	31,482	27,924	29,109	26,851	29,626	33,607	39,066
Gross Block	9,731	19,125	17,670	18,661	23,268	22,671	23,172	23,852
Less: Accum. Deprn.	6,566	5,431	6,475	6,402	9,350	8,222	9,304	10,455
Net Fixed Assets	3,146	13,675	11,195	12,259	13,918	14,448	13,867	13,396
Capital WIP	173	199	336	52	38	38	38	38
Total Investments	1,996	2,370	1,832	1,899	1,492	1,492	1,492	1,492
Curr. Assets, Loans&Adv.	18,375	19,996	18,578	20,000	16,135	18,481	23,559	30,143
Inventory	8,391	8,737	6,083	8,709	9,046	9,118	9,888	10,876
Account Receivables	653	612	794	717	826	768	838	924
Cash and Bank Balance	8,390	9,624	10,968	9,688	5,311	7,545	11,686	17,078
Loans and Advances	941	1,023	733	886	952	1,051	1,147	1,265
Curr. Liability & Prov.	6,296	5,867	5,400	6,143	5,865	5,966	6,483	7,136
Account Payables	5,156	5,032	4,397	4,562	4,093	4,145	4,494	4,944
Other Current Liabilities	983	752	917	1,491	1,696	1,751	1,912	2,108
Provisions	157	83	86	90	76	70	76	84
Net Current Assets	12,079	14,129	13,178	13,858	10,270	12,515	17,076	23,007
Deferred Tax assets	1,098	1,110	1,384	1,042	1,133	1,133	1,133	1,133
Appl. of Funds	18,491	31,482	27,924	29,109	26,851	29,626	33,607	39,066

E: MOFSL Estimates

Financials and valuations

Ratios								
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Basic (INR)								
EPS (diluted from FY17)	24.6	25.6	-6.7	8.0	25.1	23.1	30.8	42.3
Cash EPS (diluted from FY17)	29.6	48.6	13.9	26.8	48.1	49.4	57.5	69.4
BV/Share (diluted from FY17)	135.9	147.6	136.8	141.2	111.9	132.7	163.5	205.8
DPS	6.3	4.0	4.0	54.5	12.5	0.0	0.0	0.0
Payout (%)	24.4	15.6	-57.6	680.1	49.8	0.0	0.0	0.0
Valuation (x)								
P/E	58.7	56.3	-216.1	180.0	57.4	62.3	46.8	34.1
Cash P/E	48.8	29.7	103.6	53.7	30.0	29.2	25.1	20.8
P/BV	10.6	9.8	10.5	10.2	12.9	10.9	8.8	7.0
EV/Sales	6.0	6.2	10.8	7.8	5.6	5.4	4.9	4.3
EV/EBITDA	37.1	22.6	113.9	44.6	24.3	23.9	20.4	16.5
Dividend Yield (%)	0.4	0.3	0.3	3.8	0.9	0.0	0.0	0.0
FCF per share	20.4	38.4	33.1	12.7	41.9	41.1	50.9	59.2
Return Ratios (%)					-			
RoE	19.6	18.1	-4.7	5.8	19.9	18.9	20.8	22.9
RoCE	19.7	16.7	-0.2	6.0	14.4	13.6	15.1	17.2
RoIC	34.3	26.6	-4.6	8.1	20.0	17.1	20.9	27.5
Working Capital Ratios	00							
Fixed Asset Turnover (x)	3.0	1.6	1.0	1.3	1.5	1.5	1.7	1.8
Asset Turnover (x)	1.6	1.0	0.6	0.8	1.3	1.2	1.1	1.1
Inventory (Days)	238	246	265	292	218	220	220	220
Debtor (Days)	8	7	17	11	9	8	8	8
Creditor (Days)	146	142	192	153	99	100	100	100
Leverage Ratio (x)	1-10	172	132	133	33	100	100	100
Current Ratio	2.9	3.4	3.4	3.3	2.8	3.1	3.6	4.2
Interest Cover Ratio	118.1	4.6	-1.0	1.9	4.6	4.0	5.3	6.9
Net Debt/Equity	-0.6	0.0	-0.1	0.0	0.4	0.2	0.0	-0.2
Net Dest/Equity	0.0	0.0	0.1	0.0	0.4	0.2	0.0	0.2
Consolidated - Cash Flow Statement								(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
OP/(Loss) before Tax	4,783	4,851	-1,167	1,397	4,298	3,969	5,282	7,258
Depreciation	640	2,958	2,627	2,420	2,948	3,373	3,431	3,471
Interest & Finance Charges	35	1,177	1,035	928	1,079	1,143	1,078	1,079
Direct Taxes Paid	-1,409	-1,869	468	-68	-974	-890	-1,320	-1,815
(Inc)/Dec in WC	122	-719	2,066	-1,982	-776	-12	-420	-539
CF from Operations	4,171	6,398	5,030	2,694	6,575	7,584	8,051	9,455
Others	-727	-600	-420	-579	-287	-501	-652	-847
CF from Operating incl EO	3,444	5,798	4,611	2,115	6,288	7,082	7,399	8,608
(Inc)/Dec in FA	-822	-857	-357	-477	-897	-1,800	-850	-1,000
Free Cash Flow	2,622	4,941	4,254	1,638				
(Pur)/Sale of Investments	-2,461	-1,669	-920	940	5,391 4,963	5,282	6,549	7,608
Others						501	0	0
CF from Investments	512	653	750	466	319		652	847
	-2,770	-1,873	-527	928	4,385	-1,299	-198	-153
Issue of Shares	0	0	0	0	6.090	0	0	0
Inc/(Dec) in Debt	0	0	-515	-514	-6,989	1 1 1 2	1.070	1.070
Interest Paid	-14	-13	-11	-9	0	-1,143	-1,078	-1,079
Dividend Paid	-618	-969	2.165	0	2 117	2.409	1.001	1.004
Others	0	-3,379	-3,165	-2,886	-3,117	-2,408	-1,981	-1,984
CF from Fin. Activity	-631	-4,361	-3,691	-3,410	-10,106	-3,550	-3,060	-3,063
Inc/Dec of Cash	42	-435	393	-367	567	2,233	4,141	5,392
Opening Balance	559	586	150	543	176	743	2,977	7,118
Closing Balance	600	150	543	176	743	2,977	7,118	12,510
Other Bank Balance Net Closing Balance	7,790 8,390	9,473 9,624	10,425 10,968	9,512 9,688	4,568 5,311	4,568 7,545	4,568 11,686	4,568 17,078
		0.634	30 060				11 606	

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.

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

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

http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf

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

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

A graph of daily closing prices of securities is available at www.nseindia.com, www.nseindia.com, www.nseindia.com, www.nseindia.com, www.nseindia.com, www.nseindia.com, <a href="www.nseindia.com, www.nseindia.com, www.nse 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.

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

For U.S.

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

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

For Singapore

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

Specific Disclosures

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

6 February 2024

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:

Ghovando redicada den.		
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.