

TATA MOTORS

FINANCIAL MODELING REPORT

(A Comprehensive DCF and Comparable Comps Valuation)



TATA MOTORS LTD (NSE: TATAMOTORS | BSE:500570)



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TATA MOTORS

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(TATAMOTORS | BSE Code: 500570) (Figures In Rs. Crores)

		Historical Finan	cial Statement - TAT	A MOTORS LTD			
Years	Mar-19	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24	LTN
			Income Statement				
Sales	₹ 3,01,938.40	₹ 2,61,067.97	₹ 2,49,794.75	₹ 2,78,453.62	₹ 3,45,966.97	₹ 4,37,927.77	₹4,40,061.14
Sales Growth	-	-13.54%	-4.32%	11.47%	24.25%	26.58%	0.49%
COGS	₹ 2,42,845.53	₹ 2,10,376.07	₹ 1,95,326.04	₹ 2,23,300.01	₹ 2,74,403.64	₹ 3,34,551.79	₹ 3,79,563.7
COGS % Sales	80.43%	80.58%	78.19%	80.19%	79.31%	76.39%	86.25%
Gross Profit	₹ 59,092.87	₹ 50,691.90	₹ 54,468.71	₹ 55,153.61	₹ 71,563.33	₹ 1,03,375.98	₹ 60,497.37
Gross Margins	19.57%	19.42%	21.81%	19.81%	20.69%	23.61%	13.75%
Selling & General Expenses	₹ 34,428.54	₹ 32,704.83	₹22,181.28	₹ 30,433.52	₹ 39,747.53	₹43,837.64	
S&G % Sales	11.40%	12.53%	8.88%	10.93%	11.49%	10.01%	0.00%
EBITDA	₹ 24,664.33	₹ 17,987.07	₹ 32,287.43	₹ 24,720.09	₹ 31,815.80	₹ 59,538.34	₹67,114.13
EBITDA Margins	8.17%	6.89%	12.93%	8.88%	9.20 %	13.60%	1 5.25 %
Interest	₹ 5,758.60	₹7,243.33	₹ 8,097.17	₹9,311.86	₹ 10,225.48	₹9,985.76	₹ 8,840.92
Interest % Sales	1.91%	2.77%	3.24%	3.34%	2.96%	2.28%	2.01%
Depreciation	₹ 23,590.63	₹ 21,425.43	₹23,546.71	₹24,835.69	₹ 24,860.36	₹ 27,270.13	₹ 26,580.00
Depreciation % Sales	7.81%	8.21%	9.43%	8.92 %	7.19%	6.23%	6.04 %
Earnings Before Tax	(₹4,684.90)	(₹10,681.69)	₹ 643.55	(₹9,427.46)	(₹3,270.04)	₹ 22,282.45	₹ 31,693.22
EBT % Sales	-1.55%	-4.09%	0.26%	-3.39%	-0.95%	5.09%	7.20%
Тах	(₹2,437.45)	₹ 395.25	₹2,541.86	₹4,231.29	₹704.06	(₹3,851.64)	(₹2,122.78
Effective Tax Rate	52.03%	-3.70%	394.97%	-44.88%	-21.53%	-17.29%	- 6.70 %
Net Profit	(₹2,247.45)	(₹11,076.94)	(₹1,898.31)	(₹13,658.75)	(₹3,974.10)	₹ 26,134.09	₹ 33,816.00
Net Margins	-0.74%	-4.24%	-0.76%	-4.91%	-1.15%	5.97%	7.68%
No of Equity Shares	₹ 288.73	₹ 308.90	₹ 332.03	₹ 332.07	₹ 332.13	₹ 332.37	₹ 332.37
Earning per Share	(₹7.78)	(₹35.86)	(₹5.72)	(₹41.13)	(₹11.97)	₹ 78.63	₹ 101.74
EPS Growth %	0.00%	360.68%	-84.06%	619.43%	-70.91%	-757.14%	29.39%
Dividend per Share	-	-	-	-	₹ 2.31	₹6.92	
Dividend Payout Ratio	0.00%	0.00%	0.00%	0.00%	-19.28%	8.80%	0.00%
Retained Earnings	0.00%	0.00%	0.00%	0.00%	0.00%	91.20%	100.00%

Total Liabilities	₹ 3,05,703.49	₹ 3,20,179.39	₹ 3,41,569.91	₹ 3,29,061.49	₹ 3,34,674.43	₹ 3,69,520.61	₹ 3,90,656.0
Fixed Assets Not Discl	# 1 11 004 47	# 1 07 107 14	₹ 1 20 707 C1	₹ 1 30 0FF 4F	# 1 22 070 70	₹ 1 01 005 40	₹ 1 F7 710 0
Fixed Assets Net Block	₹ 1,11,234.47	₹ 1,27,107.14	₹ 1,38,707.61	₹ 1,38,855.45	₹ 1,32,079.76	₹ 1,21,285.46	₹ 1,57,718.0
Capital Work in Progress	₹ 31,883.84 ₹ 15,770,72	₹35,622.29 ₹16,308.48	₹20,963.93 ₹24,620.28	₹ 10,251.09 ₹ 20,270,52	₹ 14,274.50 ₹ 26,270,16	₹35,698.43 ₹22,971.07	₹ 15,526.0
Investments Other Assets	₹15,770.72 ₹56,155.74	,	₹24,620.28 ₹61,717.06	₹29,379.53 ₹62,222,77	₹26,379.16 ₹68,433,00	,	₹33,381.0 ₹96,206,0
Other Assets Total Non Current Assets	,	₹ 58,784.94	₹ 61,717.96	₹ 62,223.77	₹ 68,432.09	₹ 79,018.86	₹ 86,296.0
Total Non Current Assets	₹ 2,15,044.77	₹ 2,37,822.85	₹ 2,46,009.78	₹ 2,40,709.84	₹ 2,41,165.51	₹ 2,58,973.82	₹ 2,92,921.0
Receivables	₹ 18,996.17	₹ 11,172.69	₹ 12,679.08	₹ 12,442.12	₹ 15,737.97	₹ 16,951.81	₹ 13,685.0
Inventory	₹ 39,013.73	₹ 37,456.88	₹ 36,088.59	₹ 35,240.34	₹ 40,755.39	₹47,788.29	₹ 54,682.0
Cash & Bank	₹ 32,648.82	₹ 33,726.97	₹ 46,792.46	₹ 40,669.19	₹ 37,015.56	₹ 45,806.69	₹ 29,368.0
Total Current Assets	₹ 90,658.72	₹ 82,356.54	₹ 95,560.13	₹ 88,351.65	₹ 93,508.92	₹ 1,10,546.79	₹ 97,735.0
Total Assets	₹ 3,05,703.49	₹ 3,20,179.39	₹ 3,41,569.91	₹ 3,29,061.49	₹ 3,34,674.43	₹ 3,69,520.61	₹ 3,90,656.0
Check	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
		Cash Flow	Statement				
Operating Activities	- - - - - - - - - -						
Profit from operations	₹ 28,771.00	₹23,352.00	₹ 31,198.00	₹ 26,943.00	₹ 41,694.00	₹65,106.00	
Receivables	(₹9 <i>,</i> 109.00)	₹ 9,950.00	(₹5,505.00)	₹185.00	(₹2,213.00)	(₹1,875.00)	
Inventory	₹2,069.00	₹ 2,326.00	₹ 3,814.00	₹472.00	(₹5,665.00)	(₹7,265.00)	
Payables	(₹4,692.00)	(₹8,085.00)	₹5,748.00	(₹7,012.00)	₹ 6,945.00	₹13,706.00	
Loans Advances	-	-	-	-	-	-	
Other WC items	₹4,512.00	₹875.00	(₹4,150.00)	(₹4,396.00)	(₹2,194.00)	₹ 2,760.00	
Working capital changes	(₹7,220.00)	₹ 5,066.00	(₹93.00)	(₹10,751.00)	(₹3,127.00)	₹7,326.00	
Direct taxes	(₹2,659.00)	(₹1,785.00)	(₹2,105.00)	(₹1,910.00)	(₹3,179.00)	(₹4,516.00)	
Cash from Operating Activities	₹ 18,892.00	₹ 26,633.00	₹ 29,000.00	₹ 14,282.00	₹ 35,388.00	₹ 67,916.00	
Investing Activities							
Fixed assets purchased	(₹35,304.00)	(₹29,702.00)	(₹20,205.00)	(₹15,168.00)	(₹19,230.00)	(₹31,414.00)	
Fixed assets sold	₹ 67.00	₹ 171.00	₹ 351.00	₹230.00	₹285.00	₹231.00	
Investments purchased	(₹130.00)	(₹1,439.00)	(₹7,530.00)	(₹3,008.00)	(₹50.00)	(₹74.00)	
Investments sold	₹ 5,644.00	₹21.00	₹226.00	₹ 104.00	₹6,895.00	₹ 10,820.00	
Interest received	₹761.00	₹ 1,104.00	₹428.00	₹653.00	₹973.00	₹2,493.00	
Dividends received	₹232.00	₹21.00	₹18.00	₹ 32.00	₹ 46.00	₹ 47.00	
Investment in group cos	(₹9.00)	(₹606.00)	(₹10.00)	-	-	(₹150.00)	
Redemp n Canc of Shares	₹ 533.00	-	-	-	₹ 19.00	₹ 108.00	
Acquisition of companies	(₹8.00)	(₹27.00)	-	(₹98.00)	-	-	
Inter corporate deposits	-	-	-	-	-	(₹24.00)	
Other investing items	₹7,335.00	(₹2,659.00)	₹1,051.00	₹ 12,813.00	(₹4,357.00)	(₹4,817.00)	
Cash Investing Activities	(₹20,879.00)	(₹33,116.00)	(₹25,671.00)	(₹4,442.00)	(₹15,419.00)	(₹22,780.00)	
Financing Activities							
Proceeds from shares	-	₹ 3,889.00	₹2,603.00	₹ 19.00	₹ 20.00	₹82.00	
Redemption of debentures	-	-	-	-	-	-	
Proceeds from borrowings	₹ 51,128.00	₹ 38,297.00	₹46,641.00	₹ 46,578.00	₹43,934.00	₹ 18,747.00	
Repayment of borrowings	(₹35,198.00)	(₹29,847.00)	(₹29,709.00)	(₹42,816.00)	(₹62,557.00)	(₹47,332.00)	
Interest paid fin	(₹7,005.00)	(₹7,518.00)	(₹8,123.00)	(₹9,251.00)	(₹9,336.00)	(₹9,332.00)	
Dividends paid	(₹95.00)	(₹57.00)	(₹30.00)	(₹100.00)	(₹141.00)	(₹1,059.00)	
Financial liabilities	-	(₹1,346.00)	(₹1,477.00)	(₹1,559.00)	(₹1,517.00)	(₹1,924.00)	
Other financing items	-	(₹29.00)	-	₹ 3,750.00	₹ 3,355.00	₹ 3,812.00	
Cash From Financing Activities	₹ 8,830.00	₹ 3,389.00	₹ 9,905.00	(₹3,379.00)	(₹26,242.00)	(₹37,006.00)	
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Common Size Statement - TATA MOTORS LTD								
Particular	Mar-19	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24		
Sales	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
Raw Material Cost	64.34%	63.16%	61.49%	64.39%	66.84%	62.64%		
Change in Inventory	-0.68%	-0.85%	-1.88%	-0.57%	1.38%	0.36%		
Power and Fuel	0.53%	0.48%	0.45%	0.78%	0.73%	0.50%		
Other Mfr. Exp	3.87%	4.42%	3.31%	3.39%	3.40%	3.91%		
Employee Cost	11.01%	11.66%	11.07%	11.06%	9.73%	9.70%		
Selling and admin	10.84%	11.20%	9.21%	10.49%	10.07%	9.77%		
Other Expenses	0.57%	1.32%	-0.33%	0.44%	1.42%	0.24%		
Other Income	-8.84%	0.04%	-4.45%	0.87%	1.93%	1.30%		
Depreciation	7.81%	8.21%	9.43%	8.92%	7.19%	6.23%		
Interest	1.91%	2.77%	3.24%	3.34%	2.96%	2.28%		
Profit before tax	-10.39%	-4.05%	-4.19%	-2.52%	0.98%	6.38%		
Тах	-0.81%	0.15%	1.02%	1.52%	0.20%	-0.88%		
Net profit	-9.55%	-4.62%	-5.38%	-4.11%	0.70%	7.17%		
Dividend Amount	0.00%	0.00%	0.00%	0.00%	0.22%	0.53%		
EBITDA	-0.63%	6.51%	8.30%	9.67%	11.04%	14.80%		

Common Size Statement - TATA MOTORS LTD

Particular	Mar-19	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24	Sep-24
Total Liabilities	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Equity Share Capital	0.22%	0.22%	0.22%	0.23%	0.23%	0.21%	0.19%
Reserves	19.46%	19.48%	15.95%	13.31%	13.31%	22.77%	25.68%
Borrowings	34.73%	38.97%	41.61%	44.51%	40.07%	29.03%	27.27%
Other Liabilities	45.58%	41.32%	42.21%	41.95%	46.39%	47.99%	46.86%
Total Assets	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Net Block	36.39%	39.70%	40.61%	42.20%	39.47%	32.82%	40.37%
Capital Work in Progress	10.43%	11.13%	6.14%	3.12%	4.27%	9.66%	3.97%
Investments	5.16%	5.09%	7.21%	8.93%	7.88%	6.22%	8.54%
Other Assets	18.37%	18.36%	18.07%	18.91%	20.45%	21.38%	22.09%
Receivables	6.21%	3.49%	3.71%	3.78%	4.70%	4.59%	3.50%
Inventory	12.76%	11.70%	10.57%	10.71%	12.18%	12.93%	14.00%
Cash & Bank	10.68%	10.53%	13.70%	12.36%	11.06%	12.40%	7.52%

(TATAMOTORS | BSE Code: 500570)

			Ratio Ana	lysis - TATA M	NOTORS LT	D				
Years	Mar-19	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24	LTM	Trend	Mean	Median
Sales Growth		-13.54%	-4.32%	11.47%	24.25%	26.58%	0.49%		8.89%	11.47%
EBITDA Growth		-27.07%	79.50%	-23.44%	28.70%	87.13%	12.72%		28.97%	28.70%
EBIT Growth		128.00%	-106.02%	-1564.91%	-65.31%	-781.41%	42.23%	$\overline{\mathbf{A}}$	-477.93%	-106.02%
Net Profit Growth		392.87%	-82.86%	619.52%	-70.90%	-757.61%	29.39%	$\checkmark \checkmark \checkmark$	20.20%	-70.90%
Dividend Growth		0.00%	0.00%	0.00%	0.00%	199.97%	-100.00%	· · · · · · ·	39.99%	0.00%
Gross Margin	19.57%	19.42%	21.81%	19.81%	20.69%	23.61%	13.75%		20.82%	20.25%
EBITDA Margin	8.17%	6.89%	12.93%	8.88%	9.20%	13.60%	15.25%		9.94%	9.04%
EBIT Margin	0.36%	-1.32%	3.50%	-0.04%	2.01%	7.37%	9.21%		1.98%	1.18%
EBT Margin	-1.55%	-4.09%	0.26%	-3.39%	-0.95%	5.09%	7.20%	and the second s	-0.77%	-1.25%
Net Profit Margin	-0.74%	-4.24%	-0.76%	-4.91%	-1.15%	5.97%	7.68%		-0.97%	-0.95%
SalesExpenses%Sales	11.40%	12.53%	8.88%	10.93%	11.49%	10.01%	0.00%		10.87%	11.17%
Depreciation%Sales	7.81%	8.21%	9.43%	8.92%	7.19%	6.23%	6.04%		7.96%	8.01%
OperatingIncome%Sales	0.36%	-1.32%	3.50%	-0.04%	2.01%	7.37%	9.21%		1.98%	1.18%
Return on Capital Employed	0.65%	-1.83%	4.43%	-0.06%	3.88%	16.79%	19.52%		3.97%	2.26%
Retained Earnings%	0.00%	0.00%	0.00%	0.00%	0.00%	91.20%	100.00%		15.20%	0.00%
Return on Equity%	-3.73%	-17.56%	-3.44%	-30.65%	-8.77%	30.78%	33.46%		-5.56%	-6.25%
Self Sustained Growth Rate	0.00%	0.00%	0.00%	0.00%	0.00%	28.07%	33.46%		4.68%	0.00%
Interest Coverage Ratio	0.19x	-0.47x	1.08x	-0.01x	0.68x	3.23x	4.58x		78.17%	43.33%
Debtor Turnover Ratio	15.89x	23.37x	19.70x	22.38x	21.98x	25.83x	32.16x		21.53x	22.18x
Creditor Turnover Ratio	2.17x	1.97x	1.73x	2.02x	2.23x	2.47x	2.40x		2.10x	2.09x
Inventory Turnover Ratio	7.74x	6.97x	6.92x	7.90x	8.49x	9.16x	8.05x		7.86x	7.82x
Fixed Asset Turnover Ratio	2.71x	2.05x	1.80x	2.01x	2.62x	3.61x	2.79x		2.47x	2.34x
Capital Turnover Ratio	5.02x	4.14x	4.52x	6.25x	7.63x	5.16x	4.35x		5.45x	5.09x
Debtor Days	23	16	19	16	17	14		John Land	17	16
Payable Days	23 168	185	211	181	164	148	152		176	175
Inventory Days	47	52	53	46	43	40	45		47	47
Cash Conversion Cycle (In days)	-98	-117	-139	-118	-104	-94	-95		-112	-111
CFO/Sales	6.26%	10.20%	11.61%	5.13%	10.23%	15.51%			9.82%	10.22%
CFO/Total Assets	6.18%	8.32%	8.49%	4.34%	10.57%	18.38%	_	· · · · ·	9.38%	8.40%
CFO/Total Debt	17.79%	21.34%	20.40%	9.75%	26.39%	63.32%			26.50%	20.87%

(TATAMOTORS | BSE Code: 500570)

	TATA	MOTORS LTD	- Sales forecasting	
Year Weight		Year	Sales	Sales Growth
	1	2019A	3,01,938.4	
	2	2020A	2,61,068.0	-13.54%
	3	2021A	2,49,794.8	-4.32%
	4	2022A	2,78,453.6	11.47%
	5	2023A	3,45,967.0	24.25%
	6	2024A	4,37,927.8	26.58%
	7	2025A	4,08,855.2	-6.64%
	8	2026A	4,36,378.1	6.73%
	9	2027A	4,63,901.1	6.31%
	10	2028A	4,91,424.0	5.93%
	11	2029A	5,18,946.9	5.60%
	12	2030A	5,46,469.9	5.30%

Regression S	0.251637811
Multiple R	
R Square	0.063321588
Adjusted R Square	-0.040753791
Standard Error	107142.9809
Observations	11

SUMMARY OUTPUT

	df	SS	MS	F	Significance F
Regression	1	6984434427	6984434427	0.608420437	0.455406129
Residual	9	1.03317E+11	11479618366		
Total	10	1.10301E+11			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	389989.2974	36693.32283	10.62834509	2.14986E-06	306983.2344	472995.36	306983.2344	472995.3605
	220593.5827	282807.5356	0.780013101	0.455406129	-419161.5096	860348.68	-419161.5096	860348.6751

TATA MOTORS LTD - EBITDA Forecasting									
Year Weight		Year	EBITDA	EBITDA Growth					
	1	2019A	-1,914.5						
	2	2020A	16,993.2	-987.63%					
	3	2021A	20,734.4	22.02%					
	4	2022A	26,937.4	29.92%					
	5	2023A	38,204.2	41.83%					
	6	2024A	64,803.3	69.62%					
	7	2025A	67,968.8	4.88%					
	8	2026A	79,108.8	16.39%					
	9	2027A	93,782.7	18.55%					
	10	2028A	1,07,811.4	14.96%					
	11	2029A	1,19,891.3	11.20%					
	12	2030A	1,29,858.6	8.31%					

Regression Statistics 0.407407462 Multiple R R Square 0.16598084 Adjusted R Square 0.073312044 38844.20184 Standard Error Observations 11 ANOVA df Significance F SS MS F Regression 2702569331 2702569331 1.791118995 0.213615561 1 Residual 9 13579848150 1508872017 Total 10 16282417481

Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
73313.60507	12028.49384	6.094994608	0.000180337	46103.26158	100523.95	46103.26158	100523.9486
5381.15908	4020.810554	1.338326939	0.213615561	-3714.546314	14476.864	-3714.546314	14476.86447
-	73313.60507	73313.60507 12028.49384	73313.60507 12028.49384 6.094994608	73313.60507 12028.49384 6.094994608 0.000180337	73313.60507 12028.49384 6.094994608 0.000180337 46103.26158	73313.60507 12028.49384 6.094994608 0.000180337 46103.26158 100523.95	73313.60507 12028.49384 6.094994608 0.000180337 46103.26158 100523.95 46103.26158

TATA MOTORS LTD - Net profit forecating									
Year Weight		Year	Net Profit	Net Profit Growth					
	1	2019A	-28,826.2						
	2	2020A	-12,070.9	-58.13%					
	3	2021A	-13,451.4	11.44%					
	4	2022A	-11,441.5	-14.94%					
	5	2023A	2,414.3	-121.10%					
	6	2024A	31,399.1	1200.55%					
	7	2025A	29,329.8	-6.59%					
	8	2026A	39,904.3	36.05%					
	9	2027A	54,833.4	37.41%					
	10	2028A	68,584.1	25.08%					
	11	2029A	78,916.8	15.07%					
	12	2030A	87,522.6	10.90%					

Regression Statistics				
Multiple R	0.06218784			
R Square	0.003867327			
Adjusted R Square	-0.106814081			
Standard Error	39340.02296			
Observations	11			

SUMMARY OUTPUT

ANOVA

D					
Regression	1	54076115.73	54076115.73	0.034941076	0.855865049
Residual	9	13928736658	1547637406		
Total	10	13982812773			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	31703.84887	12367.30131	2.56352199	0.030510325	3727.069621	59680.628	3727.069621	59680.62812
	633.7995269	3390.656349	0.186925321	0.855865049	-7036.39802	8303.9971	-7036.39802	8303.997074

(TATAMOTORS | BSE Code: 500570)

-						<u>.</u>
Ti	ata Moters Weekly Returns		NIFTY Weekly	Returns	ReturnsBeta Dri	iting
Date	Cloose Price	Weekly Returns	Cloose Price	Weekly Returns	Levered Raw Beta	1.
Feb 13, 2023 Feb 20, 2023	437.18 425.11	-2.8%	17944.2 17465.8	-2.7%	Raw Beta Weight	70.0
Feb 20, 2023 Feb 27, 2023	425.36	0.1%	17403.8	0.7%	Market Beta	1
Mar 6, 2023	433.16	1.8%	17412.9	-1.0%	Market Beta Weight	30.0
Vlar 13, 2023	416.41	-3.9%	17100.05	-1.8%		
Var 20, 2023	413.93	-0.6%	16945.05	-0.9%	Adjusted Beta	1
Vlar 27, 2023 Apr 3, 2023	418.2 434.95	1.0% 4.0%	17359.75 17599.15	2.4% 1.4%		
Apr 3, 2023 Apr 10, 2023	434.95	7.3%	17599.15	1.4%		
Apr 17, 2023	468.29	0.4%	17624.05	-1.1%		
Apr 24, 2023	481.96	2.9%	18065	2.5%		
Vlay 1, 2023	474.15	-1.6%	18069	0.0%		
May 8, 2023	512.76 521.71	8.1%	18314.8	1.4%		
Иау 15, 2023 Иау 22, 2023	515.25	1.7% -1.2%	18203.4 18499.35	-0.6% 1.6%		
May 29, 2023	532.59	3.4%	18534.1	0.2%		
un 5, 2023	558.83	4.9%	18563.4	0.2%		
un 12, 2023	566.28	1.3%	18826	1.4%		
un 19, 2023	556.19	-1.8%	18665.5	-0.9%		
un 26, 2023 ul 3, 2023	591.87 614.38	6.4% 3.8%	19189.05 19331.8	2.8% 0.7%		
ul 10, 2023	621.04	1.1%	19564.5	1.2%		
ul 17, 2023	621.89	0.1%	19745	0.9%		
ul 24, 2023	631.38	1.5%	19646.05	-0.5%		
ul 31, 2023	613.11	-2.9%	19517	-0.7%		
Aug 7, 2023	609.92	-0.5%	19428.3	-0.5%		
Aug 14, 2023 Aug 21, 2023	613.91 603.24	0.7%	19310.15 19265.8	-0.6% -0.2%		
Aug 28, 2023	609.32	1.0%	19205.8	0.9%		
ep 4, 2023	625.32	2.6%	19819.95	2.0%		
ep 11, 2023	632.3	1.1%	20192.35	1.9%		
ep 18, 2023	618.54	-2.2%	19674.25	-2.6%		
ep 25, 2023 Oct 2, 2023	628.26 620.54	1.6% -1.2%	19638.3 19653.5	-0.2% 0.1%		
oct 9, 2023 Oct 9, 2023	665.05	-1.2%	19653.5	0.5%		
Oct 16, 2023	661.16	-0.6%	19542.65	-1.1%		
oct 23, 2023	639.08	-3.3%	19047.25	-2.5%		
Oct 30, 2023	645.51	1.0%	19230.6	1.0%		
Nov 6, 2023	649.05	0.5%	19425.35	1.0%		
Nov 13, 2023 Nov 20, 2023	679.45 671.63	4.7%	19731.8 19794.7	1.6% 0.3%		
lov 27, 2023	703.28	4.7%	20267.9	2.4%		
Dec 4, 2023	712.35	1.3%	20969.4	3.5%		
Dec 11, 2023	730.15	2.5%	21456.65	2.3%		
Dec 18, 2023	722.47	-1.1%	21349.4	-0.5%		
Dec 25, 2023 an 1, 2024	777.55 788.52	7.6% 1.4%	21731.4 21710.8	1.8% -0.1%		
an 8, 2024	813.94	3.2%	21894.55	0.8%		
an 15, 2024	821.02	0.9%	21622.4	-1.2%		
an 22, 2024	809.35	-1.4%	21352.6	-1.2%		
an 29, 2024	876.05	8.2%	21853.8	2.3%		
eb 5, 2024 eb 12, 2024	912.19 935.71	4.1% 2.6%	21782.5 22040.7	-0.3% 1.2%		
eb 19, 2024	934.52	-0.1%	22212.7	0.8%		
eb 26, 2024	974.39	4.3%	22338.75	0.6%		
Mar 4, 2024	1036.1	6.3%	22493.55	0.7%		
Var 11, 2024	942.94	-9.0%	22023.35	-2.1%		
Mar 18, 2024 Mar 25, 2024	976.79 989.75	3.6% 1.3%	22096.75 22326.9	0.3%		
Apr 1, 2024	1004	1.4%	22513.7	0.8%		
pr 8, 2024	1015.37	1.1%	22519.4	0.0%		
Apr 15, 2024	960.24	-5.4%	22147	-1.7%		
Apr 22, 2024 Apr 29, 2024	996.43	3.8%	22419.95 22475.85	1.2%		
Apr 29, 2024 May 6, 2024	1010.28 1043.43	1.4% 3.3%	22475.85 22055.2	0.2%		
Лау 0, 2024 Лау 13, 2024	951.02	-8.9%	22055.2	1.9%		
Aay 20, 2024	957.59	0.7%	22957.1	2.2%		
/lay 27, 2024	920.16	-3.9%	22530.7	-1.9%		
un 3, 2024	967.51	5.1%	23290.15	3.4%		
un 10, 2024 un 17, 2024	990.34 961.8	2.4% -2.9%	23465.6 23501.1	0.8%		
un 17, 2024 un 24, 2024	989.75	-2.9%	23501.1 24010.6	2.2%		
ul 1, 2024	993.65	0.4%	24323.85	1.3%		
ul 8, 2024	1016.75	2.3%	24502.15	0.7%		
ul 15, 2024	990	-2.6%	24530.9	0.1%		
ul 22, 2024 ul 29, 2024	1118.3 1096.65	13.0% -1.9%	24834.85 24717.7	1.2% -0.5%		
ug 5, 2024	1068.1	-2.6%	24367.5	-1.4%		
ug 12, 2024	1098.35	2.8%	24541.15	0.7%		
ug 19, 2024	1085.15	-1.2%	24823.15	1.1%		
ug 26, 2024	1111.35	2.4%	25235.9	1.7%		
ep 2, 2024 ep 9, 2024	1049.35 992.1	-5.6% -5.5%	24852.15 25356.5	-1.5% 2.0%		
ep 9, 2024 ep 16, 2024	992.1 970.85	-5.5%	25356.5	1.7%		
ep 23, 2024	993	2.3%	26178.95	1.5%		
ep 30, 2024	930.75	-6.3%	25014.6	-4.4%		
Oct 7, 2024	930.7	0.0%	24964.25	-0.2%		
Oct 14, 2024 Oct 21, 2024	910.15	-2.2%	24854.05	-0.4%		
oct 21, 2024 Oct 28, 2024	864.3 843.45	-5.0% -2.4%	24180.8 24304.35	-2.7% 0.5%		
lov 4, 2024	843.45	-4.5%	24304.35 24148.2	-0.6%		
lov 11, 2024	774.3	-3.9%	23532.7	-2.5%		
lov 18, 2024	791	2.2%	23907.25	1.6%		
lov 25, 2024	786.45	-0.6%	24131.1	0.9%		
Dec 2, 2024	816.8	3.9%	24677.8	2.3%		
Dec 9, 2024	790.3	-3.2%	24768.3	0.4%		
0ec 16, 2024 0ec 23, 2024	724.05 750.5	-8.4% 3.7%	23587.5 23813.4	-4.8% 1.0%		
Dec 23, 2024 Dec 30, 2024	750.5	3.7% 5.3%	23813.4 24004.75	0.8%		
an 6, 2025	774.65	-2.0%	23431.5	-2.4%		
an 13, 2025	779.75	0.7%	23203.2	-1.0%		
	734.1	-5.9%	23092.2	-0.5%		

TATA MOTORS

(TATAMOTORS | BSE Code: 500570)

Return on	Market
Year	Annual
2000	-0.1465
2001	-0.1618
2002	0.0325
2003	0.719
2004	0.1068
2005	0.3634
2006	0.3983
2007	0.5477
2008	-0.5179
2009	0.7576
2010	0.1795
2011	-0.2462
2012	0.277
2013	0.0676
2014	0.3139
2015	-0.0406
2016	0.0301
2017	0.2865
2018	0.0315
2019	0.1202
2020	0.149
2021	0.2412
2022	0.0432
2023	0.1942
2024	0.0875

PrimeInvestor

Average Return	0.153348
Dividend Yeild	1.27% ¹
Total Market Return	15.33%

(TATAMOTORS | BSE Code: 500570)

TATA MOTORS

Weighted Average Cost of Capital

investing.com

					Debt/	Debt/	Levered	Unlevered
Name	Country	Total Debt	Total Equity	Tax Rate ¹	Equity	Capital	Beta ²	Beta ³
Tata Motors	india	1,09,200	3,22,000	25.00%	33.91%	25.32%	1.21	0.96
Mahindra & Mahindra	india	1,19,000	1,99,000	25.00%	59.80%	37.42%	1.57	1.08
Maruti Suzuki	india	164	3,35,000	25.00%	0.05%	0.05%	1.19	1.19
Bajaj Auto	india	5,119	2,19,000	25.00%	2.34%	2.28%	1.07	1.05
Force Motors	india	273.7	2,562.16	25.00%	10.68%	9.65%	1.18	1.09

34%

39%

Median	25.00%	10.68%	9.65%	1.19	1.08
Average	25.00%	21.36%	14.95%	1.24	1.08

Cost of Debt 9.14% Pre-tax Cost of Debt 9.14% Tax Rate 25.00% After tax cost of Debt 6.86%

Capital Structure

		Current	Target
Total Debt	1,09,200	25%	27.95%
Market Capitalization	3,22,000.00	75%	72.05%
Total Capitalization	4,31,200.00	100%	100%

Debt / Equity

Cost of Equity

Risk Free Rate	6.79%
Equity Risk Premium	8.54%
Levered Beta 4	1.40
Cost of Equity	18.75%

Levered Beta

Comps Median Unlevered Beta	1.08
Target Debt/ Equity	39%
Tax Rate	25.00%
Levered Beta	1.40

Weighted Average Cost of Capital

	Total Cost	Total Weight	
Debt Capital	6.86%	27.95%	
Equity Capital	18.75%	72.05%	
Weighted Average Cost of Cap	oital	15.42%	

(TATAMOTORS | BSE Code: 500570)

(Figures In Rs. Crores)						
Calculation of PV of FCFF	Mar-24A	Mar-25F	Mar-26F	Mar-27F	Mar-28F	Mar-29F
EBIT	37,533.21	49,697.72	65,804.76	87,132.08	1,15,371.58	1,52,763.51
Tax Rate	25%	25%	25%	25%	25%	25%
EBIT(1-T)	28,149.91	37,273.29	49,353.57	65,349.06	86,528.69	1,14,572.63
Less: Reinvestment Rate	75.98%	78.36%	80.74%	83.12%	85.50%	85.50%
Free Cash Flow to Firm (FCFF)	6,761.61	8,065.94	9,505.50	11,030.92	12,546.66	16,613.03
Mid Year Convention		0.5	1.5	2.5	3.5	4.5
Discounting Factor		0.918	0.773	0.651	0.548	0.462
PV of FCFF		7,401.92	7,345.87	7,178.92	6,876.29	7,667.50

Expected Growth	32.41%
Terminal Growth	6.50%
WACC	18.75%

FCFF(n+1`)	17,692.88
WACC	18.75%
Terminal Growth Rate	6.50%
Terminal Value	1,44,471.95

Calculation of Equity Value per Share

Calculation of Terminal Value

Present Value of FCFF	36,470.50
PV of Terminal Value	66,678.90
Value of Operating Assets	1,03,149.40
Add: Cash	45806.69
Less: Debt	49018
Value of Equity	99,938.09
No. of Shares	368.11
Equity Value per Share	271.49
Share Price	746
Discount/Premium	2.75x

Sensitivity Ana	alysis of EV				
	14%	15%	16.20%	17%	18%
4%	1,18,129.38	1,10,705.85	1,03,404.01	99,285.02	94,798.27
5%	1,27,202.59	1,18,129.38	1,09,380.21	1,04,519.57	99,285.02
6.50%	1,45,349.01	1,32,539.77	1,20,654.91	1,14,240.86	1,07,478.22
7%	1,53,126.05	1,38,544.10	1,25,230.15	1,18,129.38	1,10,705.85
8%	1,72,568.64	1,53,126.05	1,36,054.50	1,27,202.59	1,18,129.38

Sensitivity Ana	alysis of Equity	Value per Shar	e		
	14%	15%	16.20%	17%	18%
4%	312.18	292.02	272.18	260.99	248.80
5%	336.83	312.18	288.41	275.21	260.99
6.50%	386.13	351.33	319.04	301.62	283.25
7%	407.25	367.64	331.47	312.18	292.02
8%	460.07	407.25	360.88	336.83	312.18

(TATAMOTORS | BSE Code: 500570)

Amounts in crores

					Comp	arable Compar	y Valuation					
		_		Market Dat	а	_		Financials			Valuation	
		Share	Share	Equity		Enterprise						
Company	Ticker	Price	Outstanding	Value	Net Debt	Value	Revenue	EBITDA	Net Income	EV/Revenue	ev/ebitda	P/E
Tata Motors	TATAMOTORS	623	1 368.1	228474	60742	289216	443059	66188	32249	0.7x	4.4x	7.1x
Ashok Leyland	ASHOKLEY	213	3 293.7	62530	37218	99748	47445	8025	3071	2.1x	12.4x	20.4x
Olectra Greentec	OLECTRA	1072	2 8.2	8798	12	8810	1642	186	133	5.4x	47.5x	65.9x
Force Motors	FORCEMOT	6673	1 1.3	8806	-220	8586	7727	935	506	1.1x	9.2x	17.4x
SML ISUZU	SMLISUZU	1056	5 1.5	1531	242	1773	2307	183	121	0.8x	9.7x	12.6x
High										5.4x	47.5x	65.9x
75th Percentile										2.1x	12.4x	20.4x
Average										2.0x	16.6x	24.7x
Median										1.1x	9.7x	17.4x
25th Percentile										0.8x	9.2x	12.6x
Low										0.7x	4.4x	7.1x

TATA MOTORS LTD - Comparable Valuation	EV/Revenue	EV/EBITDA	P/E
Implied Enterprise Value	492338.2	640547.6	621517
Net Debt	60742	60742	60742
Implied Market Value	431596	579805	560775
Shares Outstanding	368.1	368.1	368.1
Implied Value Per Share	1172.4	1575.0	1523.3

TATA MOTORS

(TATAMOTORS | BSE Code: 500570)

Calculation of ROIC	Mar-21	Mar-22	Mar-23	Mar-24
			10101 2.5	intar 2
Current Assets				
Inventories	36,089.0	35,240.0	40,755.0	47,788.0
Trade receivables -	12,679.0	12,442.0	15,738.0	16,952.0
Loans n Advances	4,520.0	4,583.0	(4,029.0)	(1,797.0
Other asset items	57,198.0	57,641.0	72,461.0	80,816.0
Total Current Assets	1,10,486.0	1,09,906.0	1,24,925.0	1,43,759.0
Current Liabilities				
Trade Payables	76,040.0	69,750.0	79,252.0	93,979.0
Advance from Customers	0.0	0.0	0.0	0.0
Other liability items	66,579.0	64,030.0	68,710.0	75,186.0
Total Current Liabilities	1,42,619.0	1,33,780.0	1,47,962.0	1,69,165.0
Net Working Capital	(32,133.0)	(23,874.0)	(23,037.0)	(25,406.0
Non Current Assets Land	7,819.0	7,760.0	8,045.0	7,930.0
Building	35,537.0	36,466.0	38,674.0	40,584.0
Plant Machinery	1,38,868.0	1,48,585.0	1,53,672.0	1,51,878.
Equipments	0.0	0.0	0.0	1,51,878.0
Computers	3,172.0	3,383.0	3,499.0	3,667.0
Furniture n fittings	1,956.0	1,984.0	2,084.0	2,029.0
Vehicles	845.0	725.0	788.0	956.0
Intangible Assets	1,14,809.0	1,14,323.0	1,12,538.0	1,16,714.0
Other fixed assets	10,686.0	10,870.0	11,841.0	10,724.0
Gross Block	3,13,692.0	3,24,096.0	3,31,141.0	3,34,482.0
Accumulated Depreciation	1,74,985.0	1,85,241.0	1,99,062.0	2,13,197.0
Net Non Current Assets	4,88,677.0	5,09,337.0	5,30,203.0	5,47,679.
	4,56,544.0	4,85,463.0	5,07,166.0	5,22,273.(
Invested Canital		4,00,400.0	5,07,100.0	5,22,275.0
Invested Capital EBIT	8,740.7	(115.6)	6,955.4	32,268.2

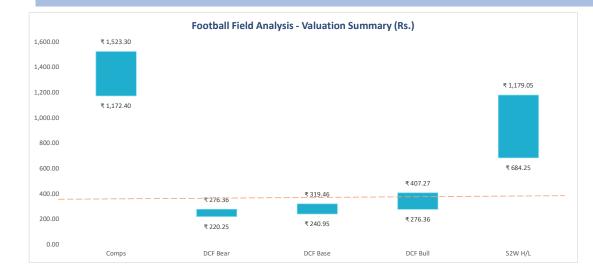
Calculation of Reinvestment Rate	Mar-21	Mar-22	Mar-23	Mar-24
Net Capex	31,888.0	31,444.0	16,019.0	35,049.0
Change in working Capital		(8,259.0)	(837.0)	2,369.0
EBIT	8,740.7	(115.6)	6,955.4	32,268.2
Marginal Tax Rate	25%	25%	25%	25%
EBIT(1-T)	6,555.5	(86.7)	5,216.6	24,201.2
Reinvestment		23,185.0	15,182.0	37,418.0
Reinvestment Rate		-26741.64%	291.03%	154.61%

 3 Year Average
 -8765.33%

 3 Year Median
 154.61%

Calculation of Growth Rate	Mar-21	Mar-22	Mar-23	Mar-24
Reinvestment Rate		-26741.64%	291.03%	154.61%
ROIC		-0.02%	1.37%	6.18%
ntrinsic Growth		6.37%	3.99%	9.55%
		3 Year	Average	6.64%
		2 Voor	Median	6.37%

(TATAMOTORS | BSE Code: 500570)



Football Field Analysis									
OpenLow Low OpenHigh High									
Comps	1172.4	1172.4	1523.3	1523.3					
DCF Bear	220.25	220.25	276.36	276.36					
DCF Base	240.95	240.95	319.46	319.46					
DCF Bull	276.36	276.36	407.27	407.27					
52W H/L	684.25	684.25	1179.05	1179.05					

(TATAMOTORS | BSE Code; 500570)

TATA MOTORS

INR 774.35

52 week (High - 783.00 & Low - 767.00)

About the company

Tata Motors Group is a leading global automobile manufacturer. Part of the illustrious multi-national conglomerate, the Tata group, it offers a wide and diverse portfolio of cars, sports utility vehicles, trucks, buses and defence vehicles to the world.

Financial Summary



Recent Updates

- Mumbai, December 9, 2024: Tata Motors, India's leading vehicle manufacturer announced today that it will take a price increase of up to 3% across its passenger vehicles portfolio, including EVs.
- Effective January, 2025, the price increase will vary depending on model and variant, and is being taken to partially offset the rise in input costs and inflation.
- Tata Motors has announced that it plans to increase the prices of its models by up to 3%. The revised prices will be effective from January 2025.
- Tata Motor's profit after tax (PAT) stood at Rs 5,578 crore, down from Rs 7,145 crore in the year-ago period
- Tata Motors reported a 2% increase in sales to domestic dealers in December 2024, indicating steady demand in a competitive market.

Dupont Analysis - Return on Equity & Return on Assets

	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24					
Net Profit	(12,070.9)	(13,451.4)	(11,441.5)	2,414.3	31,399.1					
Average Shareholder Equity	61,629.0	59,162.6	49,904.0	44,941.5	65,119.9					
Return on Equity	-19.59%	-22.74%	-22.93%	5.37%	48.22%					
ROE - Dupont Equation										
	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24					
Net Profit	(12,070.9)	(13,451.4)	(11,441.5)	2,414.3	31,399.1					
Revenue	2,61,068.0	2,49,794.8	2,78,453.6	3,45,967.0	4,37,927.8					
Net Profit Margin (A)	-4.62%	-5.38%	-4.11%	0.70%	7.17%					
Revenue	2,61,068.0	2,49,794.8	2,78,453.6	3,45,967.0	4,37,927.8					
Average Total Asset	3,12,941.4	3,30,874.7	3,35,315.7	3,31,868.0	3,52,097.5					
Asset Turnover Ratio (B)	0.83x	0.75x	0.83x	1.04x	1.24x					
Average Total Asset	3,12,941.4	3,30,874.7	3,35,315.7	3,31,868.0	3,52,097.5					
Average Shareholder Equity	61,629.0	59,162.6	49,904.0	44,941.5	65,119.9					
Equity Multiplier (C)	5.08x	5.59x	6.72x	7.38x	5.41x					
Return on Equity (A*B*C)	-19.59%	-22.74%	-22.93%	5.37%	48.22%					

Return on Asset (ROA)								
	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24			
Net Profit	(12,070.9)	(13,451.4)	(11,441.5)	2,414.3	31,399.1			
Average Total Asset	3,12,941.4	3,30,874.7	3,35,315.7	3,31,868.0	3,52,097.5			
Return on Asset	-3.86%	-4.07%	-3.41%	0.73%	8.92%			

ROA - Dupont Equation									
	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24				
Net Profit	(12,070.9)	(13,451.4)	(11,441.5)	2,414.3	31,399.1				
Revenue	2,61,068.0	2,49,794.8	2,78,453.6	3,45,967.0	4,37,927.8				
Net Profit Margin (A)	-4.62%	-5.38%	-4.11%	0.70%	7.17%				
Revenue	2,61,068.0	2,49,794.8	2,78,453.6	3,45,967.0	4,37,927.8				
Average Total Asset	3,12,941.4	3,30,874.7	3,35,315.7	3,31,868.0	3,52,097.5				
Asset Turnover Ratio (B)	0.83x	0.75x	0.83x	1.04x	1.24x				
Return on Asset (A*B)	-3.86%	-4.07%	-3.41%	0.73%	8.92%				

Dupont Summary

- ROE of Tata Motors has decreased to 19.59% during COVID and made a low of 22.74% in FY22 which now has rose to more than precovid levels and currently at 48.22% as of 31 March 2024.
- ROE has increased significantly in past 4 years from -19.59% to 48.22%. While the company was able to increase "the net margins from -4.08% in FY18 to 7.17% in FY24" and "Asset efficiency of 1.24x in FY24" which led to noticeable increase in ROE. The financial leverage of the company remain constant throughout the period.
- ROA of Tata Motors has increased from -3.86% in FY to 8.92% in FY24. While the Asset efficiency is slightly increased, the reason for increase in ROA is significantly increased net margin of the company in recent years.

TATA MOTORS

(TATAMOTORS | BSE Code; 500570)

INR 774.35

52 week (High - 1179.00 & Low - 683.20)

Altman Z Score Analysis

Tata Motors Group is a leading global automobile manufacturer. Part of the illustrious multi-national conglomerate, the Tata group, it offers a wide and diverse portfolio of cars, sports utility vehicles, trucks, buses and defence vehicles to the world.

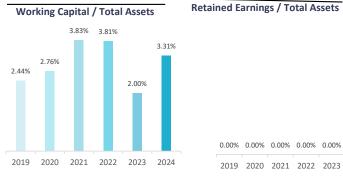
6.45%

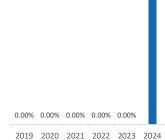
118 51

% 103 37

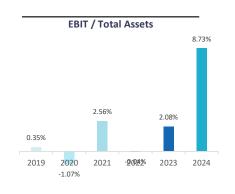
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Financial Summary





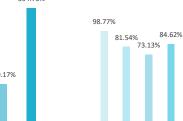
Sales / Total Assets





354.73% 113.42% 120.17% 81.31% 55 74%

Market Cap / Long Term Liabilities



2019 2020 2021 2022 2023 2024

Recent Updates

2021

2022

2023

2024

20.48%

2020

2019

- Mumbai, December 9, 2024: Tata Motors, India's leading vehicle manufacturer announced today that it will take a price increase of up to 3% across its passenger vehicles portfolio, including EVs.
- Effective January, 2025, the price increase will vary depending on model and variant, and is being taken to partially offset the rise in input costs and inflation.
- Tata Motors has announced that it plans to increase the prices of its models by up to 3%. The revised prices will be • effective from January 2025.
- Tata Motor's profit after tax (PAT) stood at Rs 5,578 crore, down from Rs 7,145 crore in the year-ago period
- Tata Motors reported a 2% increase in sales to domestic dealers in December 2024, indicating steady demand in a competitive market

Altman Z Score Calculation

Working Capital / Total Asset								
	Mar-19	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24		
Working Capital	7,465.9	8,828.3	13,085.5	12,524.2	6,701.8	12,225.6		
Total Assets	3,05,703.5	3,20,179.4	3,41,569.9	3,29,061.5	3,34,674.4	3,69,520.6		
Working Capital / Total Asset (A)	2.44%	2.76%	3.83%	3.81%	2.00%	3.31%		

Retained Earnings / Total Asset								
	Mar-19	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24		
Retained Earnings	0.0	0.0	0.0	0.0	0.0	23,834.6		
Total Assets	3,05,703.5	3,20,179.4	3,41,569.9	3,29,061.5	3,34,674.4	3,69,520.6		
Retained Earnings / Total Asset (B)	0.00%	0.00%	0.00%	0.00%	0.00%	6.45%		

EBIT / Total Asset						
	Mar-19	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24
EBIT	1,073.7	(3,438.4)	8,740.7	(115.6)	6,955.4	32,268.2
Total Assets	3,05,703.5	3,20,179.4	3,41,569.9	3,29,061.5	3,34,674.4	3,69,520.6
EBIT / Total Asset (C)	0.35%	-1.07%	2.56%	-0.04%	2.08%	8.73%

Market Cap / Long Term Liabilities							
Mar-19 Mar-20 Mar-21 Mar-22 Mar-23 Mar-24							
Market Cap	59,177.1	25,561.8	1,15,561.1	1,66,100.9	1,61,170.5	3,80,489.8	
Long Term Liabilities	1,06,175.3	1,24,787.6	1,42,130.6	1,46,449.0	1,34,113.4	1,07,262.5	
Market Cap / Long Term Liabilities (D)	55.74%	20.48%	81.31%	113.42%	120.17%	354.73%	

Sales / Total Assets							
	Mar-19	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24	
Total Sales	3,01,938.4	2,61,068.0	2,49,794.8	2,78,453.6	3,45,967.0	4,37,927.8	
Total Assets	3,05,703.5	3,20,179.4	3,41,569.9	3,29,061.5	3,34,674.4	3,69,520.6	
Sales / Total Assets (E)	98.77%	81.54%	73.13%	84.62%	103.37%	118.51%	

Altman's Z Score							
	Mar-19	Mar-20	Mar-21	Mar-22	Mar-23	Mar-24	
Final Score	1.36	0.94	1.35	1.57	1.85	3.73	
Finacial Stability	Distressed	Distressed	Distressed	Distressed	Grey Zone	Strong	