

BSE SENSEX S&P CNX 81,635 25,013

Clean Science & Technology

CMP: INR1,541 TP: INR1,580 (+3%) Neutral

Clean

Stock Info

Bloomberg	CLEAN IN
Equity Shares (m)	106
M.Cap.(INRb)/(USDb)	163.8 / 2
52-Week Range (INR)	1690 / 1243
1, 6, 12 Rel. Per (%)	1/5/-18
12M Avg Val (INR M)	265
Free float (%)	25.0

Financials Snapshot (INR b)

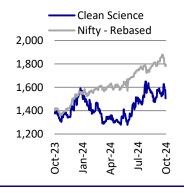
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Y/E March	FY25E	FY26E	FY27E
Sales	9.4	12.6	15.6
EBITDA	4.0	5.0	6.0
PAT	2.8	3.8	4.6
EPS (INR)	26.6	36.0	43.1
EPS Gr. (%)	15.7	35.3	19.8
BV/Sh.(INR)	136.3	167.6	205.1
Ratios			
Net D:E	-0.0	-0.1	-0.2
RoE (%)	21.3	23.7	23.1
RoCE (%)	20.9	23.3	22.8
Payout (%)	13.1	13.1	13.1
Valuations			
P/E (x)	57.7	42.6	35.6
P/BV (x)	11.2	9.1	7.5
EV/EBITDA (x)	40.9	32.3	26.4
Div. Yield (%)	0.2	0.3	0.4
FCF Yield (%)	0.4	1.4	1.9

Shareholding pattern (%)

As On	Jun-24	Mar-24	Jun-23
Promoter	75.0	75.0	75.0
DII	4.6	5.0	6.4
FII	6.1	5.9	5.8
Others	14.4	14.1	12.8
FILL Land Condition			

FII Includes depository receipts

Stock performance (one-year)



CFCL – Future growth engine

- CLEAN's R&D, focused on innovation and sustainability, achieved key milestones in FY24, including the commercialization of HALS series and the development of pharma intermediates. Currently, there are 10 new molecules in progress, which should drive future growth in the pharmaceuticals, polymers, and sustainable agrochemicals segments of the company.
- Clean Fino Chem (CFCL), a wholly owned subsidiary of CLEAN, is scaling up HALS production (current total capacity of 10.5ktpa) and expanding its capacity through Unit-4 and Unit-3 to meet rising global demand in pharmaceuticals, agrochemicals, and polymers. The new plastic application lab would further support HALS growth, while all future capex would happen in CFCL.
- During FY25-27, the company is expected to generate INR6b in FCF and plans to incur a capex of INR5.5b. The stock is currently trading at ~43x FY26E EPS of INR36 and ~32x FY26E EV/EBITDA. We value the stock at 40x Sep'26E EPS to arrive at our TP of INR1,580.

R&D forms the cornerstone of CLEAN's operations

- CLEAN's R&D has been a key driver of its growth and competitive advantage, with a focus on innovation, sustainability, and catalytic process improvement. It has increased its investments in R&D infrastructure and developed a strong pipeline of new products that position it well to capture future growth opportunities across its product segments.
- In FY24, CLEAN achieved significant R&D milestones with the development and commercialization of the HALS series (770 and 622) for polymer stabilization, alongside new pharmaceutical intermediates like 4-Hydroxy Tempo and DCC, both in high demand for API production and pharmaceutical applications. The increase in R&D expenses (up 7% YoY to INR67m) highlights the management's commitment to innovation and long-term growth.
- CLEAN is developing over 10 new molecules across key sectors, boosting future growth prospects for the pharmaceuticals and polymers segments. It is focusing on reducing pharma intermediate imports and creating sustainable agrochemical formulations for food security, in line with the Indian government's "Atmanirbhar Bharat" initiative.

CFCL - Dawn of a new era

CFCL has the largest facility in the company's history, with a land parcel of 34 acres. CLEAN has invested INR3.4b in CFCL (since Mar'22) funded through internal accruals. The management aims to enhance supply chain stability, optimize costs, and ensure strict product quality control.

Aman Chowdhary- Research Analyst (Aman.Chowdhary@MotilalOswal.com)

Sumant Kumar - Research Analyst (Sumant.Kumar@MotilalOswal.com)

- CLEAN is the first Indian company to develop the HALS series and it is scaling up capacity to meet domestic and global demand. The total production capacity of HALS is 10.5ktpa currently, with Cleanlight Stab 770 securing the REACH registration. The Unit-4 greenfield project and Unit-3 expansion will address the growing needs in pharmaceuticals, agrochemicals, and performance chemicals. All future expansions for the company are going to happen in CFCL going forward.
- Global HALS demand (USD1b) is projected to grow at a 10% CAGR by CY30, positioning CLEAN as a key player. CFCL commercialized some HALS products in FY24 (e.g., 770, 622), with more in the pipeline (see exhibit 8) to meet rising demand from polymers, paints, and the automotive industries. The new plastic application lab would also enhance product quality and support future HALS growth.

Valuation and view

- CLEAN is actively pursuing R&D and has entered the HALS series, which has an estimated global market size of USD1b. While the commercial production from CFCL has commenced, the management expects HALS utilization to reach 80% in three years.
- The company is expected to generate INR6b in FCF during FY25-27, with a planned capex of INR5.5b for the same period. The company plans to finance this capex through internal accruals and is projected to maintain a net cash position in the future. The stock is currently trading at ~43x FY26E EPS of INR36 and ~32x FY26E EV/EBITDA. We value the stock at 40x Sep'26E EPS to arrive at our TP of INR1,580.

Exhibit 1: One year forward P/E

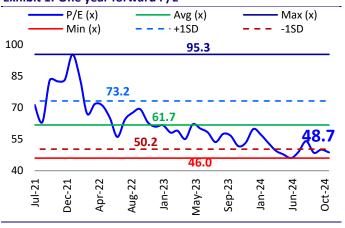
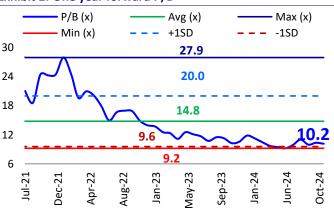
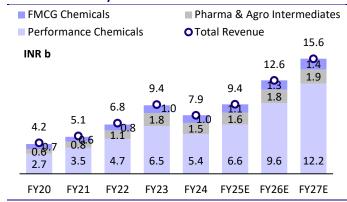


Exhibit 2: One year forward P/B



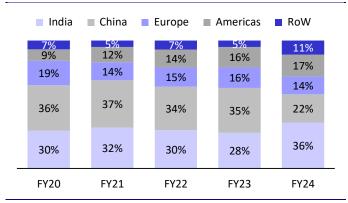
Source: Company, MOFSL Source: Company, MOFSL

Exhibit 3: Performance Chemicals to contribute 78% to overall revenue by FY27E



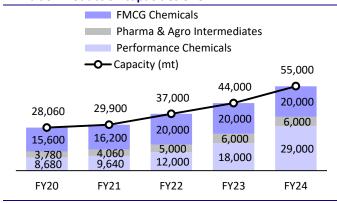
Source: Company, MOFSL

Exhibit 4: China remains the biggest export market for CLEAN (22% of overall revenue)



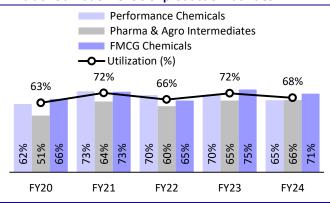
Source: Company, MOFSL

Exhibit 5: Production capacities of CLEAN



Source: Company, MOFSL

Exhibit 6: Utilization levels of production facilities



*Utilization level may differ from actual Source: Company, MOFSL

Exhibit 7: Diversified product profile serving critical end-user industries

PERFORMANCE PHARMA AND AGRO **FMCG CHEMICALS CHEMICALS INTERMEDIATES** Guaiacol MEHQ (Monomethyl Ether of Hydroquinone) 4-MAP (4-Methoxy Acetophenone) Used as polymerization inhibitor in acrylic acids, acrylic esters, super absorbent polymers (diapers and sanitary pads) Pre-cursor to manufacture APIs for cough syrup (pharma industry) Used in UV blocker in sunscreens Pre-cursor for agrochemical industry Key raw material to produce Vanillin (cosmetics industry) in World & India 2 in World 1 in India **BHA** (Butylated Hydroxy Anisole) in World & India Used as anti-oxidant in food and feed industry DCC (Dicyclohexyl Carbodiimide) 🖇 📘 in World & India Used as reagent in anti-retroviral AP (Ascorbyl Palmitate) Used in infant food formulations, breakfast cereals and cosmetics 2 in World 1 in India **Anisole** ¶ 1 in World & India Veratrole Precursor to perfumes, insect TBHQ (Tertiary Butyl Hydroquinone) pheromones, pharmaceuticals Intermediate in agrochemical industry Stabilizer in oil industry Majority of Anisole produced is used for 2 in World & India Amongst largest in India (Hindered Amine light Stabilizers) p-BQ (Para Benzoquinone) in World & India HALS 701 is used in water treatment Intermediate in agrochemical industry HALS 770, 622, 944, 783 is used for UV stabilization in a variety of polymers 1 in India 2 in World 1 in India

Source: Company, MOFSL

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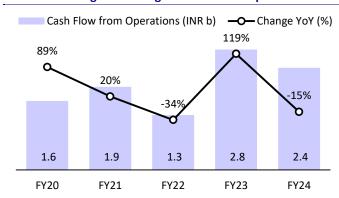
Exhibit 8: Complete range of HALS products with application by market segment

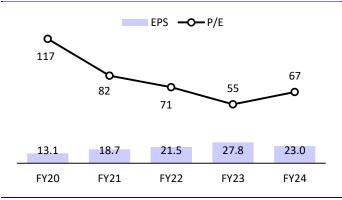
HALS	Automotive	Industrial	Printing & Packing	Solvent Borne	Wood Industry	Adhesive	Construction Industry	Sealant	Powder coating
CLEAN LIGHT STAB 770									
CLEAN LIGHT STAB 944		*		*		*		*	
CLEAN LIGHT STAB 622	*	*		*		*		*	*
CLEAN LIGHT STAB 119		*		*		*		*	*
CLEAN LIGHT STAB 783	*	*		*					*
CLEAN LIGHT STAB 292		*							*
CLEAN LIGHT STAB 111	*	*	*	*	*		*		
CLEAN LIGHT STAB 2020	*	*		*					*
CLEAN LIGHT STAB 791						*		*	
CLEAN LIGHT STAB 123	*								

Source: Company, MOFSL

Exhibit 9: Strong cash flow generation from operations

Exhibit 10: High valuation unjustified for lower EPS in FY24





Source: Company, MOFSL

Source: Company, MOFSL

Exhibit 11: R&D forms the foundation of CLEAN's operations

R&D Expenditure (INR m)	FY19*	FY20*	FY21*	FY22	FY23	FY24
Capital Expenditure				18	32	34
Recurring Expenditure				73	30	33
Total Expenditure	20	24	27	91	62	67
Total R&D expenditure as % of total turnover	0.5%	0.6%	0.5%	1.3%	0.7%	0.8%

*No bifurcation for FY19-21

Source: Company, MOFSL

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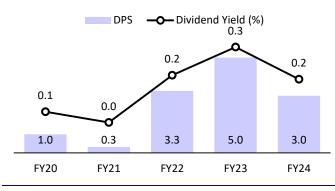
Exhibit 12: R&D expenses and capex in specific technologies to total R&D and capex

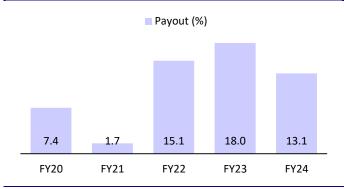
% R&D and capex investments to total R&D and capex investments	FY23	FY24	Improvements in environmental and social impacts
R&D	100%	100%	All R&D developments are focussed on sustainable technologies and green chemistries.
Capex	22%	14%	Expenditure made for harnessing Solar Energy into electricity which has resulted in Sustainable energy sourcing, human health, and wellbeing.

Source: Company, MOFSL

Exhibit 13: Dividend/ share declared in FY24

Exhibit 14: Lower payout ratio in FY24 compared to FY22-23





Source: Company, MOFSL

Source: Company, MOFSL

Exhibit 15: Cash conversion cycle at 83 days in FY24

Extribit 13: Cash Conversion Cycle at	oo aayo .									
Cash conversion cycle (year-end basis)	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Days										
Inventory	87	93	59	44	34	30	38	47	42	57
Debtor	33	66	41	60	55	61	53	82	57	76
Creditor	31	30	26	40	21	31	43	54	31	50
Cash conversion cycle	90	129	74	64	69	60	47	74	68	83

Source: Company, MOFSL

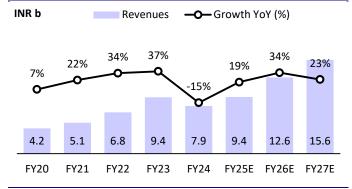
Exhibit 16: Peer comparison for our coverage universe

Commons	Dose	TP	E	PS (INF	₹)		P/E (x)		1	P/BV (x	:)	EV/	'EBITDA	(x)		ROE (%)
Company	Reco	(INR)	FY24	FY25E	FY26E	FY24	FY25E	FY26E	FY24	FY25E	FY26E	FY24	FY25E	FY26E	FY24	FY25E	FY26E
Alkyl Amines	Neutral	2,305	29.1	41.5	56.9	78.9	55.3	40.3	9.3	8.4	7.4	49.0	35.0	26.8	12.2	15.9	19.4
Atul	Buy	9,955	103.4	172.6	222.4	74.4	44.6	34.6	4.4	4.1	3.7	37.6	25.0	20.8	6.2	9.5	11.3
Clean Science	Neutral	1,580	23.0	26.6	36.0	66.7	57.7	42.6	13.5	11.2	9.1	49.0	40.9	32.3	22.1	21.3	23.7
Deepak Nitrite	Neutral	3,005	55.1	73.8	80.6	51.3	38.3	35.1	8.0	6.8	5.8	35.7	27.0	23.8	16.9	19.2	17.9
Fine Organic	Sell	4,250	120.0	118.8	119.0	42.8	43.3	43.2	8.5	7.2	6.2	32.0	31.6	30.9	21.8	18.0	15.4
Galaxy Surfact.	Buy	3,750	85.0	97.7	115.0	34.2	29.8	25.3	4.7	4.2	3.8	23.1	19.3	16.6	14.8	15.0	15.8
Navin Fluorine	Neutral	3,355	46.1	60.4	85.3	74.2	56.6	40.1	7.1	6.5	5.8	48.1	36.2	27.4	10.0	12.0	15.4
NOCIL	Neutral	315	7.9	9.4	11.7	36.0	30.2	24.2	2.8	2.7	2.5	25.0	21.2	17.2	8.1	9.0	10.6
P I Industries	Buy	5,470	110.6	112.5	136.9	41.5	40.8	33.5	8.0	6.8	5.7	33.8	29.0	23.7	21.1	18.0	18.5
SRF	Neutral	2,240	47.5	51.1	73.8	49.5	46.0	31.8	6.1	5.6	4.9	29.3	25.7	19.7	13.0	12.7	16.4
Tata Chemicals	Neutral	1070	36.1	30.2	49.2	31.3	37.4	23.0	1.3	1.3	1.2	11.6	12.7	9.9	4.4	3.4	5.4
Vinati Organics	Buy	2,500	31.2	42.7	50.9	65.0	47.5	39.8	8.5	7.5	6.5	46.4	34.6	29.3	13.8	16.8	17.5

Source: Company, MOFSL

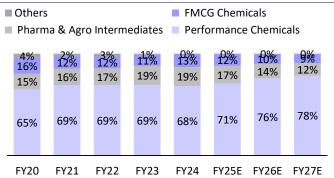
Story in charts

Exhibit 17: Expect 25% revenue CAGR over FY24-27...



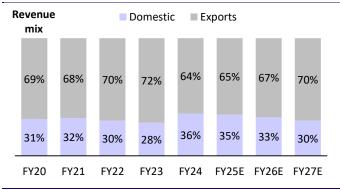
Source: Company, MOFSL

Exhibit 18: ...driven by contribution from Performance Chemicals



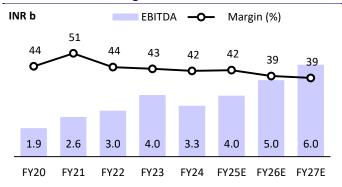
Source: Company, MOFSL

Exhibit 19: Exports to continue to dominate revenue mix



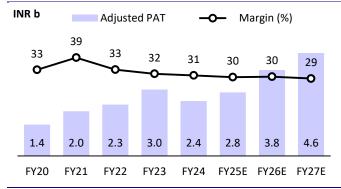
Source: Company, MOFSL

Exhibit 20: EBITDA margin to normalize on consol basis



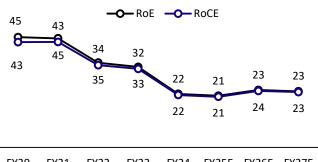
Source: Company, MOFSL

Exhibit 21: PAT margin expected to be flat



Source: Company, MOFSL

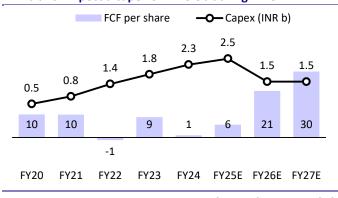
Exhibit 22: Return profile to moderate vs. FY23



FY20 FY21 FY22 FY23 FY24 FY25E FY26E FY27E

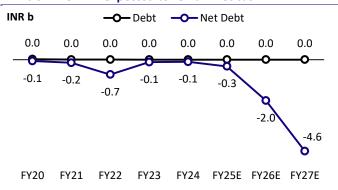
Source: Company, MOFSL

Exhibit 23: Expect a capex of INR5.5b during FY25-27



Source: Company, MOFSL

Exhibit 24: CLEAN expected to remain net cash



Source: Company, MOFSL

Financials and valuations

Consolidated - Financial Snapshot								(INR m)
Y/E March	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Total Income from Operations	4,193	5,124	6,849	9,358	7,915	9,401	12,640	15,560
Change (%)	6.6	22.2	33.7	36.6	-15.4	18.8	34.5	23.1
Gross Margin (%)	69.2	75.9	67.2	65.2	65.0	65.0	65.3	65.5
EBITDA	1,853	2,590	2,999	4,021	3,321	3,977	4,986	5,991
Margin (%)	44.2	50.5	43.8	43.0	42.0	42.3	39.5	38.5
Depreciation	137	172	249	361	459	661	665	752
EBIT	1,716	2,417	2,750	3,660	2,861	3,315	4,322	5,239
Int. and Finance Charges	1	1	1	2	9	11	13	16
Other Income	109	256	300	298	413	470	474	506
PBT bef. EO Exp.	1,823	2,673	3,048	3,956	3,265	3,774	4,782	5,728
PBT after EO Exp.	1,823	2,673	3,048	3,956	3,265	3,774	4,782	5,728
Total Tax	427	689	763	1,005	825	950	961	1,151
Tax Rate (%)	23.4	25.8	25.0	25.4	25.3	25.2	20.1	20.1
Reported PAT	1,396	1,984	2,285	2,952	2,440	2,824	3,822	4,578
Adjusted PAT	1,396	1,984	2,285	2,952	2,440	2,824	3,822	4,578
Change (%)	43.0	42.1	15.2	29.2	-17.3	15.7	35.3	19.8
Margin (%)	33.3	38.7	33.4	31.5	30.8	30.0	30.2	29.4
Consolidated - Balance Sheet								(INR m)
Y/E March	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Equity Share Capital	13	106	106	106	106	106	106	106
Total Reserves	3,408	5,290	7,578	9,994	11,925	14,381	17,703	21,683
Net Worth	3,421	5,397	7,684	10,100	12,032	14,487	17,810	21,790
Total Loans	27	3	3	1	0	0	0	(
Deferred Tax Liabilities	102	176	209	234	299	299	299	299
Capital Employed	3,550	5,576	7,897	10,335	12,331	14,786	18,109	22,089
Gross Block	2,247	2,610	3,959	5,963	8,182	10,712	12,212	13,712
Less: Accum. Deprn.	591	752	1,001	1,362	1,821	2,483	3,147	3,899
Net Fixed Assets	1,656	1,859	2,957	4,601	6,361	8,230	9,065	9,813
Capital WIP	34	550	441	205	573	573	573	573
Total Investments	1,330	2,321	1,911	3,531	3,394	3,394	3,394	3,394
Curr. Assets, Loans&Adv.	1,279	1,870	3,938	3,181	3,635	4,526	7,676	11,506
Inventory	346	529	881	1,088	1,237	1,469	1,975	2,431
Account Receivables	698	742	1,535	1,462	1,637	1,945	2,615	3,219
Cash and Bank Balance	93	157	747	125	106	334	2,041	4,568
Cash	92	93	579	125	104	332	2,039	4,567
Bank Balance	1	63	168	0	2	2	2	2
Loans and Advances	142	442	774	506	655	778	1,046	1,288
Curr. Liability & Prov.	749	1,023	1,350	1,184	1,632	1,936	2,599	3,197
Account Payables	357	610	1,021	805	1,085	1,288	1,732	2,132
Other Current Liabilities	387	408	324	370	536	636	856	1,053
Provisions	5	5	5	8	12	12	12	12
Net Current Assets	530	846	2,587	1,997	2,003	2,590	5,077	8,309
Appl. of Funds	3,550	5,576	7,897	10,334	12,331	14,786	18,109	22,089

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Financials and valuations

Ratios								
Y/E March	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Basic (INR)								
EPS	13.1	18.7	21.5	27.8	23.0	26.6	36.0	43.1
EPS Growth (%)	43.0	42.1	15.2	29.2	-17.3	15.7	35.3	19.8
Cash EPS	14.4	20.3	23.9	31.2	27.3	32.8	42.2	50.2
BV/Share	32.2	50.8	72.3	95.1	113.2	136.3	167.6	205.1
DPS	1.0	0.3	3.3	5.0	3.0	3.5	4.7	5.6
Payout (%)	7.4	1.7	15.1	18.0	13.1	13.1	13.1	13.1
Valuation (x)								
P/E	116.6	82.1	71.3	55.2	66.7	57.7	42.6	35.6
Cash P/E	106.2	75.5	64.3	49.2	56.2	46.7	36.3	30.6
P/BV	47.6	30.2	21.2	16.1	13.5	11.2	9.1	7.5
EV/Sales	38.8	31.7	23.7	17.4	20.6	17.3	12.7	10.2
EV/EBITDA	87.8	62.8	54.1	40.5	49.0	40.9	32.3	26.4
Dividend Yield (%)	0.1	0.0	0.2	0.3	0.2	0.2	0.3	0.4
FCF per share	10.3	10.2	-1.2	9.1	1.0	5.7	20.9	29.6
Return Ratios (%)								
RoE	45.5	45.0	34.9	33.2	22.1	21.3	23.7	23.1
RoCE	43.4	43.5	33.9	32.4	21.6	20.9	23.3	22.8
RoIC	64.2	77.3	56.1	48.5	29.0	26.5	30.6	32.6
Working Capital Ratios								
Fixed Asset Turnover (x)	2.9	2.9	2.8	2.5	1.4	1.3	1.5	1.6
Asset Turnover (x)	1.2	0.9	0.9	0.9	0.6	0.6	0.7	0.7
Inventory (Days)	30	38	47	42	57	57	57	57
Debtor (Days)	61	53	82	57	76	76	76	76
Creditor (Days)	31	43	54	31	50	50	50	50
Leverage Ratio (x)								
Current Ratio	1.7	1.8	2.9	2.7	2.2	2.3	3.0	3.6
Net Debt/Equity	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	-0.2
Consolidated - Cash Flow Statement								(INR m)
Y/E March	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
OP/(Loss) before Tax	1,823	2,673	3,048	3,956	3,265	3,774	4,782	5,728
Depreciation	137	172	249	361	459	661	665	752
Interest Expenses	1	1	1	2	9	11	13	16
Others	-67	-109	-126	-153	-313	0	0	0
Direct Taxes Paid	-424	-659	-691	-945	-755	-950	-961	-1,151
(Inc)/Dec in WC	131	-149	-1,209	-428	-295	-358	-781	-704
CF from Operations	1,601	1,928	1,273	2,793	2,370	3,138	3,719	4,642
(Inc)/Dec in FA	-503	-840	-1,396	-1,831	-2,267	-2,530	-1,500	-1,500
Free Cash Flow	1,098	1,088	-123	962	103	608	2,219	3,142
Change in Investments	-563	-1,078	532	-929	380	0	0	0
Others	3	51	78	61	29	0	0	0
CF from Investments	-1,063	-1,867	-786	-2,698	-1,859	-2,530	-1,500	-1,500
Issue of Shares	0	0	0	9	9	0	0	0
Inc/(Dec) in Debt	1	-24	0	0	0	0	0	0
Interest Paid	-1	-1	-1	-1	-8	-11	-13	-16
Dividend Paid	-153	-33	0	-558	-531	-369	-499	-598
Others	-386	-1	0	-1	-2	0	0	0
CF from Fin. Activity	-540	-59	-1	-550	-532	-380	-513	-614
Inc/Dec of Cash	-3	1	486	-455	-20	228	1,706	2,528
Opening Balance	95	92	93	579	125	104	332	2,039
Closing Balance	92	93	579	124	105	333	2,039	4,567

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Explanation of Investment Rating							
Investment Rating	Expected return (over 12-month)						
BUY	>=15%						
SELL	<-10%						
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UNDER REVIEW	Rating may undergo a change						
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Nainesh Rajani

Email: nainesh.rajani@motilaloswal.com

Contact: (+65) 8328 0276

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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							

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