

IOCL

Estimate change TP change Rating change

Bloomberg	IOCL IN
Equity Shares (m)	14121
M.Cap.(INRb)/(USDb)	1345.5 / 16.4
52-Week Range (INR)	101 / 65
1, 6, 12 Rel. Per (%)	2/6/16
12M Avg Val (INR M)	1139

Financials & Valuations (INR b)

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FY23	FY24E	FY25E				
8,417.6	9,724.2	11,657.8				
307.0	561.8	397.9				
117.0	313.0	175.9				
8.5	22.7	12.8				
(54.5)	167.4	(43.8)				
101.5	114.4	122.5				
1.0	0.8	0.8				
8.6	21.1	10.8				
8.2	12.3	7.0				
35.3	42.9	37.3				
11.2	4.2	7.4				
0.9	0.8	0.8				
7.3	4.6	6.5				
4.7	10.2	5.0				
28.0	22.4	12.3				
	FY23 8,417.6 307.0 117.0 8.5 (54.5) 101.5 1.0 8.6 8.2 35.3 11.2 0.9 7.3 4.7	FY23 FY24E 8,417.6 9,724.2 307.0 561.8 117.0 313.0 8.5 22.7 (54.5) 167.4 101.5 114.4 1.0 0.8 8.6 21.1 8.2 12.3 35.3 42.9 11.2 4.2 0.9 0.8 7.3 4.6 4.7 10.2				

Shareholding pattern (%)

As On	Jun-23	Mar-23	Jun-22			
Promoter	51.5	51.5	51.5			
DII	31.1	31.5	11.6			
FII	7.7	6.9	8.2			
Others	9.8	10.1	28.7			

FII Includes depository receipts

CMP: INR95 **TP: INR110 (+15%)** Buy

Lower-than-expected GRM and marketing margin lead to miss

- IOCL reported an EBITDA of INR221.6b (up 54% QoQ), below our estimate of INR301.4b, due to weaker-than-expected GRM at USD8.3/bbl (vs. our est. of USD11/bbl) and lower marketing GM at INR8.7/lit. (vs. our est. of INR10/lit).
- Refining throughput came in line with our estimate at 18.8mmt (down 1% YoY). In the marketing segment, domestic sales volumes were also in line at 23.3mmt (up 1% YoY) in 1QFY24.
- Singapore GRM has improved to USD6.1/bbl in 2QFY24'TD from USD4.0/bbl in 1QFY24, which may lead to an improvement in refining performance in the coming quarter. IOCL has the highest leverage to refining segment and is expected to benefit the most due to improvement in GRMs. However, a reduction in Russian crude oil discounts may impact it adversely.
- OMCs are estimated to be generating healthy marketing margins of INR11.9/INR13.0 on petrol/diesel in 2QFY24'TD. However, margins may be hit by retail fuel price cuts due to the upcoming elections and/or a rise in crude oil prices due to quota management by OPEC+ nations. The next OPEC+ meeting is scheduled to be held on 3rd Aug'23.
- Petchem volumes increased 14% YoY to 0.73mmt (vs. 0.68mmt in 4QFY23); however, Petchem EBIT fell 67% YoY to INR884m (vs. INR2,951m in 4QFY23). Petchem margins contracted 11%/15%/13% for PE/PP/PVC in 2QFY24'TD.
- Owing to its underperformance in 1QFY24, we cut our FY24E EBITDA/PAT by 6/8%, while keeping FY25E broadly unchanged. The stock trades at 4.2x consolidated FY24E EPS and 0.8x FY24E P/BV. We reiterate our BUY rating, valuing IOCL at 0.9x FY25E P/BV to arrive at our TP of INR110.

Throughput and marketing sales volumes in line

- IOCL's reported GRM came in lower than est. at USD8.3/bbl in 1QFY24 (vs. our est. of USD11.0/bbl and USD15.3/bbl in 4QFY23).
- Refining throughput was in line at 18.8mmt (-1% YoY, -2% QoQ).
- Marketing margin (incl. inv.) stood at INR8.7/lit in 1QFY24 (vs. est. INR10/lit and INR2.7/lit in 4QFY23).
- Marketing volumes, excluding exports, were in line with our estimate at 23.3mmt (+1% YoY, +2% QoQ).
- IOCL's EBITDA came in at INR221.6b (our est. of INR301.4b, +416% YoY, +54% QoQ) during the quarter.
- PAT stood at INR138b (our est. of INR201b).

Valuation and View

- IOCL is set to commission various projects over the next two years, driving further growth. Refinery projects, currently underway, are expected to be completed as follows: Panipat refinery (25mmtpa) by Sep'24, Gujarat refinery (18mmtpa) by Aug'24, and Baruni refinery (9mmtpa) by Dec'24.
- SG GRM has increased to ~USD8/bbl over the past few days (from USD4/bbl in 1QFY24). The company is likely to benefit the most among its peers from an increase in refining margin; however, reduction in Russian crude discounts may hurt IOCL. The stock trades at 4.2x consolidated FY24E EPS and 0.8x FY24E P/BV. We reiterate our BUY rating, valuing IOCL at 0.9x FY25E P/BV to arrive at our TP of INR110.

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Standalone -	Ouarterly	Farning	Model

(INR b)

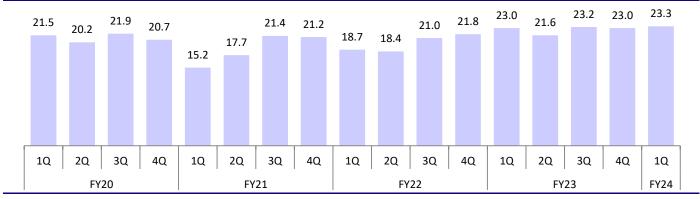
Y/E March		FY	23			FY	24		FY23	FY24E	FY24	Var.
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE	(%)
Net Sales	2242.5	2074.9	2047.4	2029.9	1975.3	2407.3	2755.6	2872.7	8394.7	10011.0	1913.2	3%
YoY Change (%)	89.0	53.2	22.8	14.5	-11.9	16.0	34.6	41.5	40.3	19.3	-14.7	
EBITDA	43.0	50.1	52.9	143.5	221.6	122.3	88.2	87.4	289.5	519.6	301.4	-26%
Margins (%)	1.9	2.4	2.6	7.1	11.2	5.1	3.2	3.0	3.4	5.2	15.8	
Depreciation	28.5	29.6	31.0	29.5	31.5	33.3	33.3	35.1	118.6	133.2	33.3	
Forex loss	29.4	30.5	17.0	-9.9	0.0	0.0	0.0	0.0	67.0	0.0	-9.9	
Interest	17.2	14.4	19.5	18.1	16.3	17.9	17.9	19.5	69.3	71.5	19.9	
Other Income	6.8	22.0	17.2	16.4	6.9	10.2	10.7	13.0	62.4	40.8	10.0	
PBT	-25.3	-2.4	2.6	122.1	180.7	81.3	47.7	45.9	97.0	355.7	268.2	-33%
Tax	-5.4	0.3	-1.9	21.6	43.2	20.5	12.0	11.5	14.6	87.3	67.5	-36%
Rate (%)	21.2	-11.5	-74.6	17.7	23.9	25.2	25.2	25.2	15.0	24.5	25.2	
Adj PAT	-19.9	-2.7	4.5	100.6	137.5	60.9	35.7	34.3	82.4	268.4	200.7	-31%
YoY Change (%)	PL	PL	-92.4	67.0	LP	LP	697.2	-65.9	-65.9	225.6	LP	
Margins (%)	-0.9	-0.1	0.2	5.0	7.0	2.5	1.3	1.2	1.0	2.7	10.5	
Key Assumptions												
Refining throughput (mmt)	18.9	16.1	18.2	19.1	18.8	18.0	18.0	18.0	72.3	72.7	18.5	1%
Reported GRM	31.8	19.2	12.9	15.3	8.3	5.0	5.0	5.0	19.8	5.8	11.0	-24%
Domestic sale of refined products (mmt)	23.0	21.6	23.2	23.0	23.3	22.4	24.1	23.9	90.7	93.7	22.4	4%
Marketing GM incld. inv. per litre (INR/litre)	-7.2	-0.7	0.7	2.7	8.7	5.6	4.1	4.1	-1.1	5.6	10.0	-13%

Exhibit 1: Key assumptions

Y End: March 31	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Exchange Rate (INR/USD)	64.5	70.0	70.9	74.3	74.5	80.4	82.9	84.1
Brent Crude (USD/bbl)	57.6	70.1	61.2	44.4	80.5	96.1	83.8	90.0
Domestic direct sales refined pdts (MMT)	77	85	84	76	80	91	94	97
YoY (%)	4	10	0	-10	6	13	3	4
Reported GRM (USD/bbl)	8.5	5.4	0.1	5.6	11.3	19.5	7.5	5.0
Singapore GRM (USD/bbl)	7.3	4.9	3.2	0.5	5.0	10.7	5.5	6.0
Prem./(disc) (USD/bbl)	1.2	0.5	(3.1)	5.1	6.3	8.8	2.0	(1.0)
Refining capacity utilization (%)	100	104	100	90	98	105	105	104
Total Refinery throughput (MMT)	69.0	71.8	69.4	62.4	67.7	72.3	72.7	72.0
YoY (%)	6	4	-3	-10	9	7	1	-1
Marketing Margin (INR/lit)								
Blended gross marketing margin incld inventory	4.4	5.0	5.8	6.2	4.4	(1.1)	5.6	4.1
Consolidated EPS	16.4	12.5	1.8	15.8	18.7	8.5	22.7	12.8

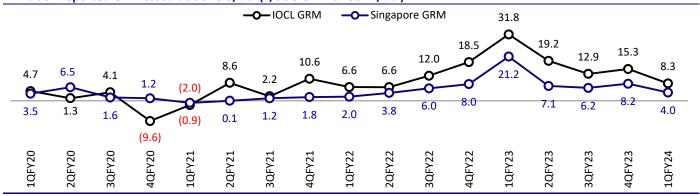
Source: Company, MOFSL

Exhibit 2: Domestic sales grew 9.4% YoY to 23.3mmt (up 10.2% QoQ) in 1QFY24



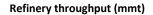
Source: Company, MOFSL

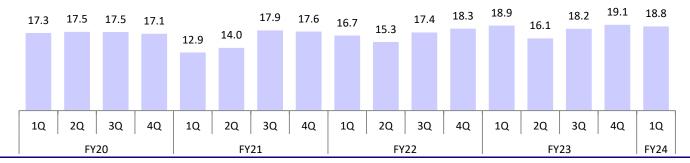
Exhibit 3: Reported GRM stood at USD8.3/bbl (v/s SG GRM of USD4/bbl)



Source: Company, MOFSL

Exhibit 4: Refinery throughput at 18.8mmt in 1QFY24 (down 1% YoY and 1.9% QoQ)

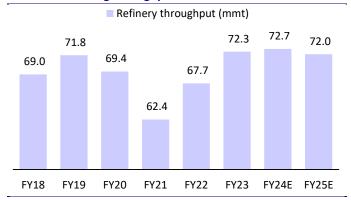




Source: Company, MOFSL

Story in charts

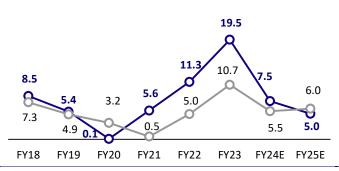
Exhibit 5: Refining throughput of IOCL



Source: Company, MOFSL

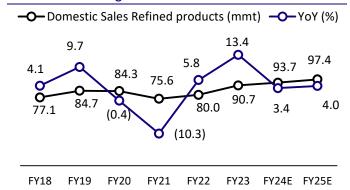
Exhibit 6: GRM trend

─O─ IOCL GRM (USD/bbl) **─**O─ Reuters Singapore GRM (USD/bbl)



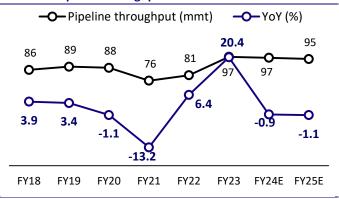
Source: Company, MOFSL

Exhibit 7: Marketing sales volume



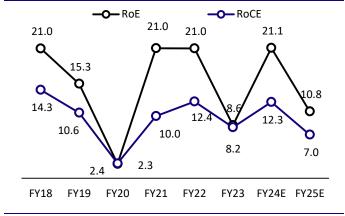
Source: Company, MOFSL

Exhibit 8: Pipeline throughput



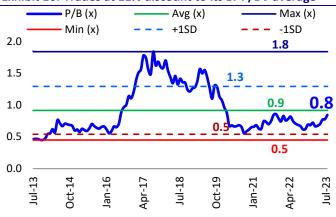
Source: Company, MOFSL

Exhibit 9: Return ratios



Source: Company, MOFSL

Exhibit 10: Trades at 11% discount to its LT P/BV average



Source: Company, MOFSL

30 July 2023

Financials and Valuations

Appl. of Funds

								(mp.1.)
Consolidated - Income Statement	EV4.0	EV40	EV20	EV24	EV22	EV22	EV24E	(INR b)
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Total Income from Operations	4,215	5,282	4,838	3,639	5,893	8,418	9,724	11,658
Change (%)	19%	25%	-8%	-25%	62%	43%	16%	20%
EBITDA	416	352	168	406	477	307	562	398
Margin (%)	10%	7%	3%	11%	8%	4%	6%	3%
Depreciation	77	85	103	109	123	132	147	155
EBIT	340	267	66	296	354	175	415	243
Int. and Finance Charges	38	49	66	36	54	75	78	87
Net Forex Loss	-2	17	41	-13	15	72	0	0
Other Income	32	45	69	22	45	114	72	73
PBT bef. EO Exp.	335	245	28	296	331	142	410	229
EO Items	0	0	-113	0	0	0	0	0
PBT after EO Exp.	335	245	-85	296	331	142	410	229
Total Tax	118	87	-53	90	86	33	98	55
Tax Rate (%)	35.3	35.3	62.0	30.4	25.9	23.5	24.0	24.0
Reported PAT	226	173	-19	218	257	117	313	176
Adjusted PAT	226	173	24	218	257	117	313	176
Change (%)	11%	-24%	-86%	801%	18%	-55%	167%	-44%
Margin (%)	5.4	3.3	0.5	6.0	4.4	1.4	3.2	1.5
Consolidated - Balance Sheet								(INR b)
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Equity Share Capital	95	92	92	92	92	138	138	138
Total Reserves	1,044	1,033	862	1,027	1,244	1,259	1,438	1,549
Net Worth	1,139	1,125	954	1,118	1,335	1,397	1,576	1,686
Minority Interest	22	19	9	10	16	35	35	35
Total Loans	621	927	1,260	1,085	1,236	1,401	1,639	1,918
Deferred Tax Liabilities	124	165	114	140	154	168	168	168
Capital Employed	1,905	2,236	2,337	2,353	2,740	3,001	3,418	3,807
Gross Block	1,429	1,599	1,847	2,057	2,214	2,542	3,076	3,382
Less: Accum. Deprn.	189	274	376	486	609	741	888	1,042
Net Fixed Assets	1,241	1,325	1,470	1,571	1,605	1,800	2,188	2,340
Capital WIP	191	250	328	363	475	511	227	170
Total Investments	448	441	356	447	524	522	522	522
Curr. Assets, Loans&Adv.	1,077	1,336	1,143	1,168	1,503	1,584	2,039	2,663
Inventory	706	771	670	834	1,117	1,211	1,315	1,616
Account Receivables	107	158	133	138	187	163	202	242
Cash and Bank Balance	5	11	23	25	18	21	340	629
Loans and Advances	259	396	317	171	180	189	181	175
Curr. Liability & Prov.	1,051	1,116	961	1,196	1,366	1,416	1,558	1,888
Account Payables	885	992	848	1,087	1,252	1,301	1,442	1,772
Provisions	167	124	112	109	113	116	116	116
Net Current Assets	25	220	182	-28	137	168	481	775

30 July 2023 5

2,236

2,337

2,353

1,905

2,740

3,418

3,807

3,001

Financials and Valuations

Ratios								
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Basic (INR)								
EPS	16.4	12.5	1.8	15.8	18.7	8.5	22.7	12.8
Cash EPS	22.0	18.7	9.2	23.7	27.6	18.1	33.4	24.0
BV/Share	82.7	81.7	69.3	81.2	97.0	101.5	114.4	122.5
DPS	11.1	9.3	4.3	12.0	12.6	4.5	9.7	4.8
Payout (%)	55	58	-243	59	53	35	43	37
Valuation (x)								
P/E	5.8	7.6	54.3	6.0	5.1	11.2	4.2	7.4
Cash P/E	4.3	5.1	10.3	4.0	3.4	5.3	2.9	4.0
P/BV	1.2	1.2	1.4	1.2	1.0	0.9	0.8	0.8
EV/Sales	0.4	0.3	0.4	0.5	0.4	0.3	0.3	0.2
EV/EBITDA	3.6	5.1	12.5	4.8	4.4	7.3	4.6	6.5
Dividend Yield (%)	11.7	9.7	4.5	12.6	13.2	4.7	10.2	5.0
FCF per share	24.3	2.6	-4.8	48.1	21.4	26.6	21.3	11.7
Return Ratios (%)	21.0	45.0		24.0	24.0	0.6	24.4	400
RoE	21.0	15.3	2.3	21.0	21.0	8.6	21.1	10.8
RoCE	14.3	10.6	2.4	10.0	12.4	8.2	12.3	7.0
RoIC	18.7	12.4	1.6	13.1	16.2	7.3	14.8	7.7
Working Capital Ratios	2.0	2.2	2.6	1.0	2.7	2.2	2.2	2.4
Fixed Asset Turnover (x) Asset Turnover (x)	2.9	3.3 2.4	2.6	1.8 1.5	2.7	3.3 2.8	3.2 2.8	3.4
Inventory (Days)	61	53	51	84	69	53	49	51
Debtor (Days)	9	11	10	14	12	7	8	8
Creditor (Days)		69	64	109	78	56	54	55
Leverage Ratio (x)			04	103	70	30	J-1	
Current Ratio	1.0	1.2	1.2	1.0	1.1	1.1	1.3	1.4
Interest Cover Ratio	8.8	5.5	1.0	8.3	6.5	2.3	5.3	2.8
Net Debt/Equity	0.5	0.8	1.3	0.9	0.9	1.0	0.8	0.8
Consolidated - Cash Flow Statement								(INR b)
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
OP/(Loss) before Tax	345	259	-72	308	343	150	410	229
Depreciation	77	85	103	109	123	132	147	155
Direct Taxes Paid	-73	-56	-22	-41	-75	-15	-98	-55
(Inc)/Dec in WC	-29	-165	50	91	-140	-57	6	-6
CF from Operations	291	127	71	499	246	296	543	412
(Inc)/Dec in FA	-61	-103	-116	-57	-49	-52	-250	-250
Free Cash Flow	230	24	-44	442	196	245	293	162
(Pur)/Sale of Investments	-24	-2	-5	-40	-18	-20	0	0
CF from Investments	-171	-226	-291	-242	-212	-280	-250	-250
Dividend Paid	-115	-117	-58	-84	-109	-33	-134	-66
CF from Fin. Activity	-119	104	232	-254	-40	-13	26	126
Inc/Dec of Cash	1	6	12	2	-7	10	319	288
Opening Balance	4	5	11	23	25	18	21	340
Closing Balance	5	11	23	25	18	21	340	629

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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					

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