

# **1Q 2012 Corporate Performance**

**April 2012** 



### **Disclaimer**

Financial results for 1Q '12 are provisional and accordingly subject to change according to the outside independent auditors' review.

This presentation contains forward-looking statements that are based on our current expectation, assumptions, estimates and projections about S-OIL and the refining industry. We caution you not to place undue reliance on any forward-looking statement which may involve various risks and uncertainties.

Please also note that although we believe that the assumptions on which our forward-looking statements are based are reasonable, any of those assumptions could prove to be inaccurate, and, as a result, the forward-looking statements based on those assumptions could be incorrect. Except as required by law, we do not undertake to release the results of any revisions of these forward-looking statements to reflect future events or circumstances.

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## **1Q 2012 Performance**



### **1Q 2012 Financial Result**

#### Revenue

#### Decreased 2.5% QoQ due to sales volume decline despite rise of ASP

ASP: 6.0% ↑ / Sales volume: 8.0% ↓ , QoQ

## Operating Income

Expanded 1.7% QoQ mainly driven by increase of crude oil price and slight improvement of refining margin

- Dubai crude oil price: 4Q '11 \$106.5/bbl → 1Q '12 \$116.5/bbl, \$10.0/bbl ↑
- Singapore complex margin: 4Q '11 \$2.0/bbl → 1Q '12 \$2.5/bbl, \$0.5/bbl ↑

## Income before Tax

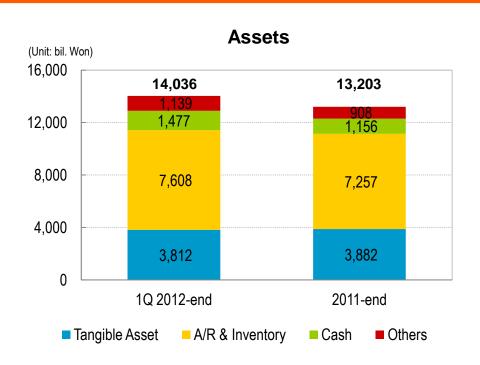
### Declined 9.5% QoQ as F/X gain diminished

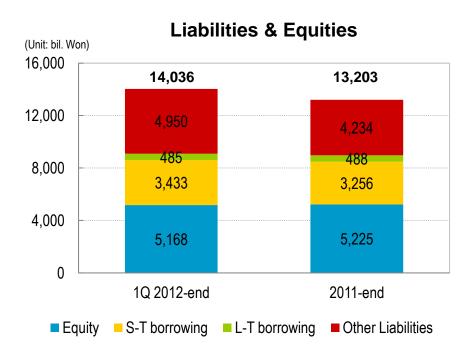
■ \\\/\\$ rate: 4Q '11-end 1,153.3 \rightarrow 1Q '12-end 1,137.8, 15.5 \\

(Unit: bil. Won)	1Q '12	QoQ	4Q '11	1Q '11	YoY
■ Revenue	9,036.0	2.5%↓	9,264.0	6,817.3	32.5%↑
<ul><li>Operating Income</li></ul>	382.2	1.7%↑	375.7	647.5	41.0%↓
(Margin)	(4.2%)	-	(4.1%)	(9.5%)	-
<ul><li>Net Finance Gain</li></ul>	30.7	62.3%↓	81.4	71.2	56.8%↓
- Net Interest Gain	-8.2	-	-8.7	4.1	-
- Net F/X Gain	38.9	56.8%↓	90.1	67.1	41.9%↓
<ul><li>Equity Method Gain</li></ul>	1.8	102.8%↑	0.9	1.4	24.4%↑
<ul><li>Income before Tax</li></ul>	414.7	9.5%↓	458.1	720.2	42.4%↓



### **Financial Status**





### **Financial Ratios**

(Unit: %)	1Q '12	FY '11
Return on Equity	24.3	24.5
ROCE	16.5	17.9
Net debt to equity	47.2	49.5
Net debt (bil. Won)	2,441.1	2,587.2



### **Capital Expenditure for 1Q 2012**

### **CAPEX**

(Unit: bil. Won)	1Q '12	FY '12 (Budget)
1. Major projects	4.6	45.3
New SPM Construction	4.6	37.8
2. Upgrade & Maintenance	9.0	125.4
3. Marketing Investment	4.8	58.7
4. Others	0.9	28.8
Total	19.3	258.2

### **Depreciation**

(Unit: bil. Won)	FY '10	FY '11	FY '12 (E)
Depreciation*	276.1	375.8	378.2

<sup>\*</sup> Including catalyst amortization cost



### **Major Business Index**

### **Utilization Rate**

(Unit: k bpd, %)	Capacity	1Q '12	4Q '11
CDU	669.0	97.5	97.9
HYC FH	76.5	100.1	100.3
RFCC	73.0	100.4	99.5
Lube Plants	38.0	102.6	102.9
PX Center	34.7	105.5	106.9

<sup>\*\* 1</sup>Q CDU utilization rate(E) - Asia: 84.0% / N. America: 82.2% / Europe: 75.6% (Source: ESAI)

### **Turnaround**

Time	Unit
1Q	-
2Q	#2 RHDS
3Q	#1 RHDS
4Q	-

### Sales Breakdown

Focused on domestic & Asia market to capitalize relatively stable demand amid shrunk demand in Europe

(Unit: bpd, %)	1Q '12	4Q '11	1Q '11
Sales Total	642,574	691,044	567,695
Domestic	255,861	254,196	249,311
Export	<b>386,713</b> (60.2%)	<b>436,848</b> (63.2%)	<b>318,384</b> (56.1%)
China	24.2	32.6	22.8
Japan	24.1	20.7	23.1
Australia	10.2	6.8	7.2
Indonesia	9.0	8.4	5.9
Singapore	8.1	5.1	11.2
USA	4.6	2.0	5.9
Europe	0.8	4.7	1.6



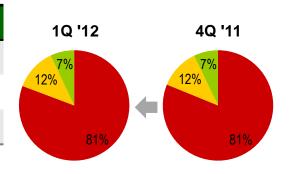
## Performance by Business Segment



### **Financial Result by Business Segment**

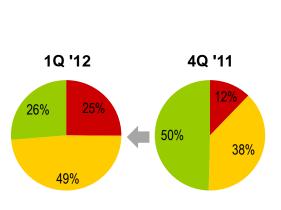
### Revenue

(Unit: bil. Won)	1Q '12	QoQ	4Q '11	1Q '11	YoY
Refining	7,294.5	3.0%↓	7,519.6	5,738.3	27.1%↑
Petrochem	1,111.4	2.4%↑	1,085.4	566.7	96.1%↑
Lube	630.1	4.4%↓	659.0	512.3	23.0%↑
Total	9,036.0	2.5%↓	9,264.0	6,817.3	32.5%↑



### **Operating Income**

(Unit: bil. Won)	1Q '12	QoQ	4Q '11	1Q '11	YoY
Refining	96.0	109.2%↑	45.9	424.7	77.4%↓
(Margin)	(1.3%)		(0.6%)	(7.4%)	
Petrochem	185.6	29.4%↑	143.4	92.3	101.1%↑
(Margin)	(16.7%)		(13.2%)	(16.3%)	
Lube	100.6	46.0%↓	186.4	130.5	22.9%↓
(Margin)	(16.0%)		(28.3%)	(25.5%)	
Total	382.2	1.7%↑	375.7	647.5	41.0%↓
(Margin)	(4.2%)		(4.1%)	(9.5%)	



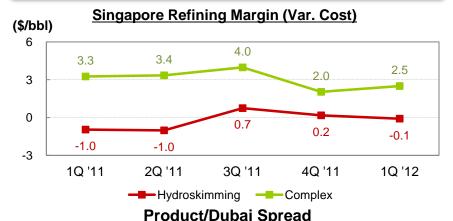
■ Refining ■ Petrochem ■ Lube



### **Refining Business**

#### Market

Margin slightly rose driven by strong gasoline and improved naphtha spread despite dampened spreads of middle distillate



<u> </u>					
(Unit: \$/bbl)	1Q '12	4Q '11	1Q '11		
Dubai crude	116.5	106.5	100.9		
Gasoline	11.8	7.6	10.5		
Jet/Kero	15.6	18.2	20.3		
Diesel	16.2	17.8	18.4		
Naphtha	-4.2	-9.1	0.0		
HSFO 380	-4.3	-3.8	-9.7		

### Company

Replenished operational inventory after inventory reduction at the year-end and built-up fuel oil inventory ahead of maintenance of #2 RHDS

#### **Sales Volume**

(Unit: bpd)	1Q '12	4Q '11	QoQ
Gasoline	69,258	67,370	2.8%↑
Jet/Kero	157,893	163,935	3.7%↓
Diesel	170,363	196,941	13.5%↓
Naphtha	52,811	57,253	7.8%↓
Fuel Oil	64,567	75,686	14.7%↓
Others	32,920	33,787	2.6%↓
Total	547,813	594,972	7.9%↓

Increased gasoline sales volume into South East Asia to capture growing demand

(Unit: bpd)	1Q '12	4Q '11	QoQ
Indonesia	18,183	14,595	24.6% ↑
Philippines	2,558	1,443	77.2% ↑

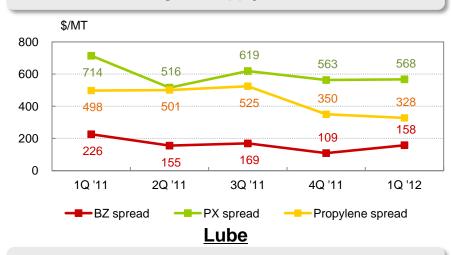


### **Petrochemical & Lube Business**

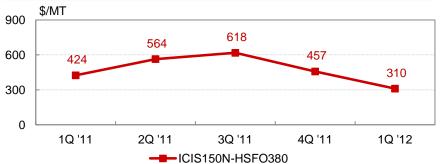
### Market

#### **Petrochemical**

PX spread remained flat while benzene spread increased due to tighter supply



## Spread continued to drop due to capacity addition and increase in feedstock price



Source: Platt's, ICIS, CMAI, The Company

### Company

Maintained maximum production and sales to capitalize robust margin

#### Sales volume

(Unit: bpd)	1Q '12	4Q '11	QoQ
P-X	36,489	39,301	7.2%↓
Benzene	11,645	11,281	3.2%↑
Propylene	6,731	7,136	5.7%↓
Total	54,865	57,717	4.9%↓

Domestic sales increased sharply thanks to strong demand from the automobile and shipping industries

#### Sales volume

(Unit: bpd)	1Q '12	4Q '11	QoQ
Domestic	11,902	11,020	8.0%↑
Export	27,993	27,335	2.4%↑
Total	39,895	38,355	4.0%↑

 $<sup>\</sup>ensuremath{\mathbb{X}}$  Lube sales volume includes by-products.



## 2Q & 2H 2012 Industry Outlook



### 2Q & 2H 2012 Outlook - Refining

### Regional Demand: Slight QoQ decline, however rebound in 2H

(Unit: k bpd)

Market environment would be weakened in 2Q due to soften seasonality, but recover in 2H thanks to growing demand for gasoline and naphtha.

- QoQ demand: 28,640 (1Q '12) → 28,010 (2Q '12), 2.2% ↓ QoQ / 3.1% ↑ YoY
  - Weaker kerosene demand due to the end of cold weather, but stronger diesel demand mainly from agricultural sector
- HoH demand: 28,325 (1H '12) → **28,715 (2H '12), 1.4**% ↑ **HoH / 2.5**% ↑ **YoY** 
  - Demand pick-up for consumer related products boosted by recovery of global economy

#### **Regional Oil Demand**

(Unit: k bpd)	1Q '12	QoQ	2Q '12	1H '12	НоН	2H '12
Gasoline	4,971	-4	4,967	4,969	160	5,128
Jet/Kero	2,474	-489	1,985	2,230	-94	2,136
Diesel	8,154	195	8,349	8,251	8	8,259
Naphtha	3,900	-129	3,771	3,836	30	3,866
Fuel Oil	3,603	-149	3,454	3,529	-66	3,463
Others	5,538	-54	5,484	5,510	352	5,863
Total	28,640	-630	28,010	28,325	390	28,715



### 2Q & 2H 2012 Industry Outlook – Petrochemical & Lube

### **Petrochemical**

PX		Benzene				
	2Q '12 vs. 1Q '12		2Q '12 vs. 1Q '12			
Demand	240 k ton↓	Utilization rate of PTA : 1Q 91.4% → 2Q 85.9%	Demand	187 k ton↑	Demand growth from SM industry: 131 k ton ↑, QoQ	
Supply	327 k ton↑	PX capacity expansion : 800 k tpa in China	capacity expansion Supply 195 k ton ↑ Utilization rate: 2Q 79.1%		Utilization rate: 1Q 76.0% → 2Q 79.1%	
Outlook	צ		Outlook	<b>→</b>		
	2H '12 vs. 1H '12		2H '12 vs. 1H '12			
Demand	1,407 k ton ↑	PTA capacity addition during 2Q ~ 4Q: 5.4 mil. tpa	Demand	520 k ton ↑	Demand growth from SM market: 516 k ton ↑, HoH	
Supply	1,111 k ton↑	PX capacity addition during 2Q ~ 4Q: 2.6 mil. tpa	Supply	702 k ton↑	Utilization rate: 1H 77.6% → 2H 80.4%	
Outlook	Outlook 7		Outlook		7	

#### Lube

### Downward adjustment from capacity increase would be over and slight recovery is expected

- Group III: High-quality product market to remain healthy in developed countries
- Group II: Demand in Asia to continue steady growth from on-going industrialization



# Thank You!