

Today's Outright Close Spot Jet Fuel Prices (4:30 PM Singapore)

Market (\$/bbl)	Low	High	Mean	Change
FOB SINGAPORE	77.63	77.73	77.68	-0.55
FOB ARAB GULF LR1	74.67	74.77	74.72	-0.50
FOB ARAB GULF LR2	74.71	74.81	74.76	-0.48
FOB TAIWAN	77.48	77.58	77.53	-0.72
FOB KOREA	77.38	77.48	77.43	-0.72

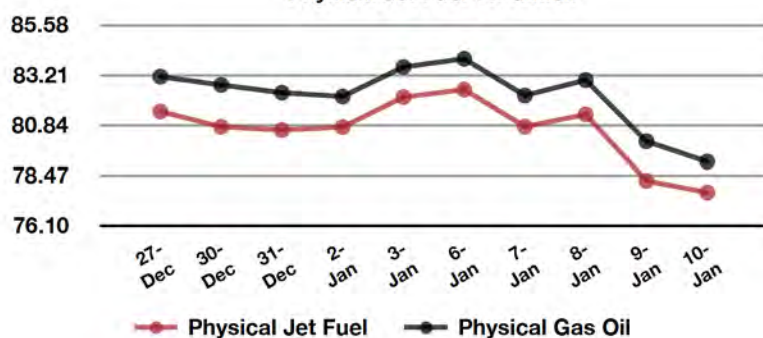
Today's Outright Close Spot Gas Oil Prices (4:30 PM Singapore)

Market (\$/bbl)	Low	High	Mean	Change
FOB SINGAPORE	79.08	79.18	79.13	-0.96
FOB ARAB GULF LR1	75.94	76.04	75.99	-0.92
FOB ARAB GULF LR2	75.99	76.09	76.04	-0.89
FOB TAIWAN	78.39	78.49	78.44	-0.94
FOB KOREA	78.04	78.14	78.09	-0.94

Today's Physical Spot Differential for Jet Fuel and Gas Oil

Market (\$/bbl)	Jet Fuel	Change	Gas Oil	Change
FOB SINGAPORE	0.20	0.17	0.34	-0.03
FOB ARAB GULF LR1	2.97	-0.04	3.15	-0.04
FOB ARAB GULF LR2	2.92	-0.07	3.10	-0.07
FOB TAIWAN	0.05	0.00	-0.35	0.00
FOB KOREA	-0.79	-0.18	-0.70	0.00

Physical Jet Fuel VS Gasoil



Jet Fuel Swaps Mid-Day (\$/bbl)

Laycan	Low	High	Mean	Change
JAN	77.21	77.31	77.26	-1.16
FEB	77.22	77.32	77.27	-1.05
MAR	77.03	77.13	77.08	-0.99

Jet Fuel Swaps Close (\$/bbl)

Laycan	Low	High	Mean	Change
JAN	77.43	77.53	77.48	-0.72
FEB	77.44	77.54	77.49	-0.71
MAR	77.26	77.36	77.31	-0.64

Gas Oil Swaps Mid-Day (\$/bbl)

Laycan	Low	High	Mean	Change
JAN	78.81	78.91	78.86	-1.01
FEB	78.42	78.52	78.47	-0.97
MAR	77.88	77.98	77.93	-0.93

Gas Oil Swaps Close (\$/bbl)

Laycan	Low	High	Mean	Change
JAN	78.88	78.98	78.93	-0.97
FEB	78.58	78.68	78.63	-0.87
MAR	78.05	78.15	78.10	-0.78

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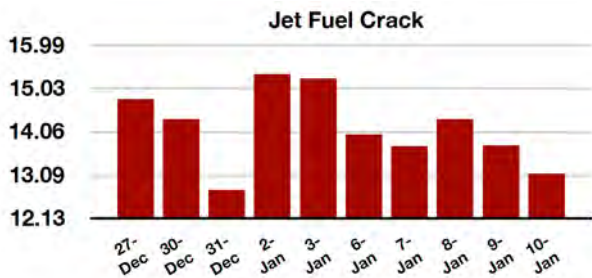
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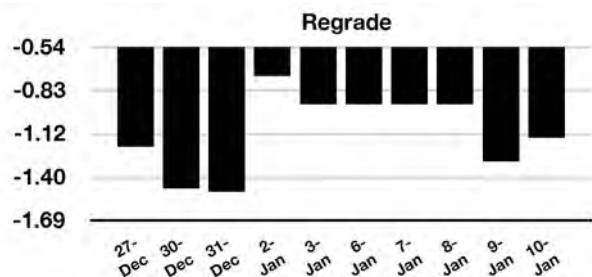
Today's Jet Fuel Crack Assessments (\$/bbl)

Laycan	Low	High	Mean	Change
FEB	13.07	13.17	13.12	-0.63
MAR	13.85	13.95	13.90	-0.50
APR	14.37	14.47	14.42	-0.48



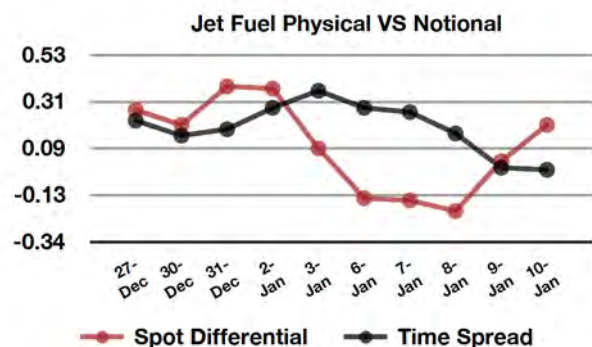
Regrade Close (\$/bbl)

Laycan	Low	High	Mean	Change
FEB	-1.19	-1.09	-1.14	0.16
MAR	-0.84	-0.74	-0.79	0.14
APR	-0.74	-0.64	-0.69	0.05



Spot Differential & Time Spread (\$/bbl)

	Physical	Change	Spread	Change
Jet Fuel	0.20	0.17	-0.01	-0.01



FOB Singapore Spot Differential Calculation

Date	Bid	Offer	Deal	Diff
25-Jan		-0.10		-0.15
26-Jan		-0.10	0.20	0.20
27-Jan		-0.10	0.20	0.20
28-Jan		-0.10	0.20	0.20
29-Jan		-0.10	0.20	0.20
30-Jan			0.24	0.24
31-Jan			0.24	0.24
1-Feb			0.24	0.24
2-Feb			0.24	0.24
3-Feb			0.24	0.24
4-Feb			0.20	0.20
5-Feb			0.23	0.23
6-Feb			0.23	0.23
7-Feb			0.23	0.23
8-Feb			0.23	0.23
9-Feb			0.23	0.23
Notional Diff		0.03	Avg	0.20

OPIS Asia Methodology

OPIS Singapore uses an average of daily forward paper/swaps value as a basis of our Asian daily assessments.

Jet Fuel and Gas Oil assessments generally reflect pricing of products loading 15 to 30 days from the date of publication. In other words, a report for March 1 will reflect reflection of forward prices from March 16-31.

In our assessments, we use a variety of inputs which include outright, floating as well as a combination of both in terms of daily bids, offers and strike prices in the respective oil product market on both the physical and swaps trading.

We calculate the mid-value of the trading window by using the weighted average calculation that use the curve of 1st and 2nd cycle of swaps value. Then we add a discount or premium to calculate FOB Singapore quotes.

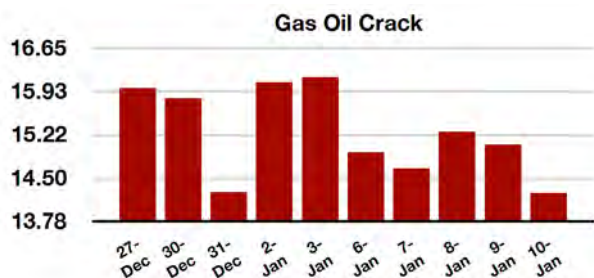
For discount/premium assessments for FOB Singapore quotes, we take transactions with a size of 100,000 barrels for jet fuel, 150,000 barrels of gas oil (10 ppm sulfur).

FOB AG jet fuel and gas oil assessments are a simple freight netback from FOB Singapore quotes.

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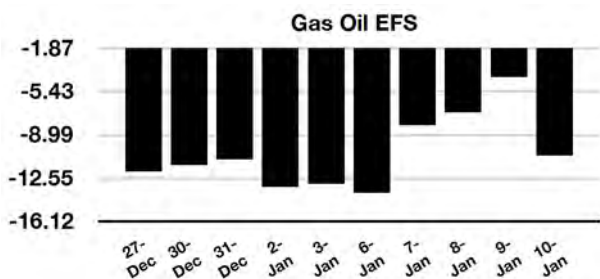
Today's Gas Oil Crack Assessments (\$/bbl)

Laycan	Low	High	Mean	Change
FEB	14.21	14.31	14.26	-0.79
MAR	14.64	14.74	14.69	-0.64
APR	15.06	15.16	15.11	-0.53



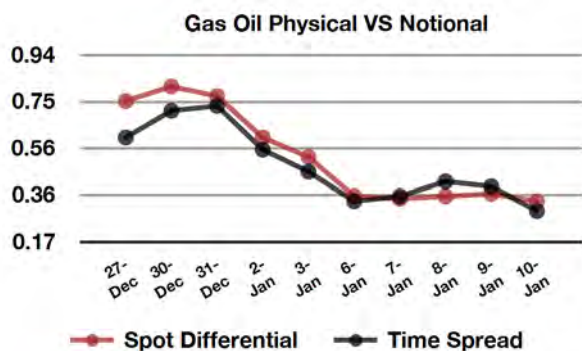
West-East Spread Close (\$/mt)

Laycan	ICE	Change	EFS	Change
FEB	596.50	-3.00	-10.71	-6.47
MAR	596.00	-5.25	-14.16	-5.18
APR	593.50	-7.25	-15.08	-1.99



Spot Differential & Time Spread (\$/bbl)

	Physical	Change	Spread	Change
Gas Oil	0.34	-0.03	0.30	-0.10



FOB Singapore Spot Differential Calculation

Date	Bid	Offer	Deal	Diff
25-Jan				0.32
26-Jan				0.32
27-Jan				0.32
28-Jan				0.32
29-Jan				0.32
30-Jan				0.32
31-Jan	0.34			0.39
1-Feb	0.34			0.39
2-Feb	0.34			0.39
3-Feb	0.34			0.39
4-Feb	0.34			0.39
5-Feb				0.32
6-Feb				0.32
7-Feb				0.32
8-Feb				0.32
9-Feb				0.32
Notional Diff	0.32	Avg	0.34	

(Continued from Page 2)

The calculations for FOB Taiwan and FOB Korea gas oil is following: (FOB Singapore quotes minus FOB Singapore discount/premium) + discount/premium for each market.

FOB Korea jet fuel calculation uses OPIS US West Coast benchmark as a basis. We use netback from LAX Jet Fuel prices by using TC 11. (South Korea-USWC) We also reflect the changes for US Heating Oil futures between US Close time and Singapore 4:30 pm then add spot differential.

Editors confirm and record deals done with a size of 30,000-60,000 mt for FOB Taiwan and FOB Korea discount/premium assessments.

For more information, visit www.opisnet.com/about/methodology.aspx.

For subscription information, please call 888.301.2645 (U.S. only) or +1 301.284.2000 or email energygs@opisnet.com.

JET FUEL

- Hin Leong buys eight cargoes online, cash differentials gain
- SPRC offers surplus Jan.-loading jet fuel to Chevron and PTT
- Aramco moves jet fuel to Red Sea ahead of refinery turnaround

Jet fuel differentials were boosted even as outright prices dropped in line with crude losses as Hin Leong bought a massive 800,000 bbls, which was the most in a single session in at least two years.

On the wider physical market, discussions for Jan.-loading cargoes are ending and traders have started to look at early-Feb.-loading opportunities.

Spot jet fuel assessments dropped \$0.55/bbl to \$77.68/bbl as crude retreated.

Hin Leong bought eight cargoes on a fixed price basis in the afternoon online trade with Unipac emerging as the biggest seller, offloading six lots.

The Singapore-based trading firm bought eight 100,000 bbls lots, six from Unipac and two from BP, at outright prices between \$77.68/bbl to \$77.80/bbl.

Differentials rose by \$0.17/bbl to plus \$0.20/bbl, while the front-month time spread eased from parity to \$0.01/bbl contango.

The regrade was at \$1.14/bbl in favor of gasoil from \$1.30/bbl.

In Southeast Asia, demand for jet fuel limited after oil firms having taken positions and stocked up for the upcoming festive holidays, trader said.

Thailand's domestic jet fuel demand was said to be easing as Star Petroleum Refining Public Company Limited. (SPRC) offers surplus barrels to its shareholder.

SPRC had offered 30,000 mt for late-Jan.-loading to Chevron and PTT, a trade source with knowledge of the matter said.

The tender has closed on Jan. 10, and results are expected to emerge in the following week.

Chevron currently holds 60.56% of SPRC, and the rest of the shares are being held by

the public, SPRC's website showed.

PTT has exited the partnership since 2017, but still has an ongoing agreement with SPRC which allows the former to bid for cargoes offered by the refinery, a trader familiar with the matter said.

Possible outlets for SPRC's jet fuel are its regional nations, but the trader has ruled out Australia as a possible outlet due to stricter fuel specifications requirement.

Chevron is likely to sit out on SPRC's offer as it is currently well supplied, another market source said. This, however, cannot be confirmed.

Meanwhile, shipping fixtures showed that Saudi Aramco has provisionally booked STI Pride on Jan. 16 to load 60,000 mt of jet fuel from Vadinar to the Red Sea regions.

The Middle Eastern refiner will be shutting its 400,000 b/d Yasref refinery, and 400,000 b/d Petro Rabigh refinery on late-Jan. and late-Feb. respectively for turnaround.

Both refineries are situated along the coast of Red Sea and is expected to require cargoes to fulfill their supply commitments during the turnaround periods.

GASOIL

- Gasoil crack narrows as market cools
- BPCL buys late-Jan. 10 ppm cargo at plus \$3.50/bbl
- PetroSA seeks up to 48,500 mt of 50ppm gasoil for Jan. and Feb.

Gasoil spot prices retreated further by \$0.96/bbl to \$79.13/bbl on the back of lower crude as tension in the Middle East eased and focused returned to fundamentals where surplus barrels dominate.

In the afternoon online trading, BP tabled a bid for a Jan. 31-Feb. 4 loading cargo of plus \$0.50/bbl to full-month Feb quotes which worked out to a premium of \$0.34/bbl.

On the back of a narrowing of the front-month time spread by \$0.10/bbl to \$0.30/bbl in backwardation, differentials dropped by \$0.03/bbl to \$0.34/bbl.

Gasoil refining margins, or crack, fell \$0.79/bbl to \$14.26/bbl.

Bharat Petroleum Corp. Ltd. (BPCL) bought a late-Jan. delivery cargo at premiums of \$3.50/bbl to Middle East prices from an undisclosed seller, market sources said.

The refiner issued the tender to buy 40,000 mt of 10 ppm high speed diesel (HSD) for Jan. 18-25 delivery to Ennore, followed by Vizag.

Apart from this tender, BPCL was also seeking 15,000-17,000 mt for Jan. 18-22 delivery to Haldia.

The tender closed on Jan. 9, but results were unclear at time of publication.

Indian refiners have sought as much as 519,000 mt of 10 ppm gasoil, with BPCL on its own looking to pick up 194,000 mt.

PetroSA floated a tender to buy up to 45,800 mt of 50 ppm gasoil for delivery to Mossel Bay in two tranches.

The first is for a prompt shipment of 16,800 mt, with laycan open for discussions.

The other requires 29,000 mt for Feb. 1-3 delivery.

Offers are to be submitted by Jan. 13 and remain valid until Jan. 15.

PetroSA last required up to 42,000 mt of 50 ppm for Dec.-delivery to Mossel Bay and Cape Town.

Results of the tender were undisclosed.

Vietnam is expected to increase its reliance on imports to cover domestic consumption of these fuels including gasoline, diesel and jet fuel during the turnaround, industry sources said.

"That could lift gasoline demand during the first half in Asia where supply is increasing," said a gasoline trader in Seoul.

Fuel imports rose sharply last year, when Nghi Son Refinery and Petrochemical (NSRP) carried out maintenance works at its 200,000-b/d refinery that lasted from Oct. 22 to Dec. 3.

Vietnam imported a total of 2.101 million mt of oil products such as gasoline, gasoil, jet fuel and fuel oil in October and November, up 54.5% from the same period a year earlier, according to IHS Markit OPIS calculations based on the customs data.

In recent years, Vietnam has managed to expand its refining capacity, including the startup of NSRP in 2018 to reduce fuel imports.

The country imported a total 8.862 million mt of oil products in the first 11 months of last year, down 17.2% on-year, customs data showed.

The Dung Quat refinery is also undertaking an upgrade and expansion project that will increase production capacity to 192,000 b/d in the near future, BSR said, without providing a specific time frame.

REFINING NEWS

Binh Son Refining and Petrochemical Co (BSR) will shut its Dung Quat refinery in June for about two months to carry out planned maintenance works that's likely to increase Vietnamese oil product imports during this period.

The 148,000 barrel per day (b/d) refinery will be taken off-line from June 12 to Aug. 1, BSR said in a statement on Thursday.

The refinery can produce as much as 2.5 million mt/year of gasoline including 1.2 million mt of 92 RON, 2.6 million mt/year of gasoil, 420,000 mt/year of liquefied petroleum gas (LPG) and 300,000 mt/year of jet fuel, according to BSR.