# The **Officials**The Benchmark Publication

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In the North Sea window today, Totsa just couldn't help itself. Just one more... and again it's Unipec facilitating, as in the Dubai window. France against China, hmm. We will watch! Totsa bought a 10-14 Dec Midland from the Chinese at Dated +\$2.10. Exactly the same deal as they struck last night, to the date and to the cent. Unipec clearly knows how Totsa likes it! And, once again, Equinor is desperate to offload its Johan Sverdrup, offering a 1-3 Dec cargo at Dated -\$2.75 after not getting any interest at Dated -\$2.60 yesterday. Trafi also came in and bought a Forties from BP for 12-14 Dec at \$1.15 over Dated.

Sources report several recent departures from Trafigura and when the going gets tough, the tough get going... out the door. Trafi is cutting its share buybacks with dropping profits amidst some accounting peccadilloes. Trafi blames its weakening earnings on lesser volatility this year, but it hasn't exactly been a smooth ride for the past 10 months! The \$1.1 billion that went missing and slipped through Trafi's fingers in the Mongolian fiasco certainly hasn't helped either. Many departures from senior leadership figures are also straining the company. What's that expression about 'jumping ship'...?

Even the EIA's weekly stocks report showing a 545 kb build in national crude stocks, the third consecutive week of builds, couldn't break the elastic. Last week gasoline inventories tumbled 4.8 mb, but this week they rose just over 2 mb – the biggest weekly build since early September. That rise comes even as gasoline production fell 980 kb.

Summary				
Physical and Futures		20-Nov-24	1-Day Change	7-Day Change
Brent Jan (fut)	(\$/bbl)	73.230	+0.390	+1.060
WTI Jan (fut)	(\$/bbl)	69.260	+0.540	+1.030
Dubai Jan (phys)	(\$/bbl)	72.520	+0.460	+1.245
OBI Continuous	(\$/bbl)	73.230	+0.390	+1.060
Crude Swaps Dec				
Brent	(\$/bbl)	72.890	+0.310	+1.060
DFL	(\$/bbl)	0.370	+0.140	-0.030
WTI	(\$/bbl)	69.180	+0.510	+1.050
Dubai	(\$/bbl)	72.080	+0.340	+1.060
Tenor		Jan-25	Feb-25	Mar-25
Crude Futures	_			_
Brent (fut)	(\$/bbl)	73.230	72.900	72.660
WTI (fut)	(\$/bbl)	69.260	69.000	68.770





#### In detail

We're further up again. A marginal drop after the EIA inventories proved immaterial to the day's overall trend and was quickly retraced. Finally, Brent closed \$0.39/bbl up on the day, at \$73.23/bbl. Brent front spreads are beefier than yesterday, up from 25c to 33c. WTI outperformed Brent, gaining \$0.54/bbl to close at \$69.26/bbl. After the close, Brent prices slid towards \$72.80/bbl.

Front month Dutch TTF futures are down just 1% from the peak on Friday, so remain exceptionally high, even though Gazprom is still delivering the same volume (42.4 mcm per day) of gas to European customers, it's just not going to OMV. OMV won the lawsuit and lost the trading margin. Was it worth it? Europe's gas inventories are still 90.3% full as of Monday. The high prices in Europe are tempting sellers and according to Kpler, at least 5 LNG ships changed course and are heading to Europe instead of Asia. As Egypt turns away several cargoes of LNG it had ordered – reneging on LNG contracts is still permitted! – there's going to be a lot of the stuff floating about in Europe's vicinity. And it's not only in Europe that gas prices are surging; Henry Hub hit its highest since June on expectations of cold weather, up 7.5% today! And it is cold in London with midday temperatures at 4 degrees Celsius.

Meanwhile, West Coast North American spot pricing for natural gas reached historic lows. In Westcoast Station 2, prices fell all the way down to \$0.30/MMBtu. The Canada Gas Association shows natural gas prices in Alberta have been below 1 CAD/GJ since July and Western Canada's average weekly natural gas production has risen steadily from 2019 and is now above 18 billion cubic feet per day. Meanwhile, Canada's industrial, commercial and residential gas sales have all declined since January, contributing to the building stocks. Stocks have exceeded their 5-year range by far every month so far in 2024 and are now approaching 30 billion cubic metres. Similarly, US natural gas reserves are right at the top of their 5-year range and the biggest natural gas storage in the Northwest US was over 90% full on 31 October, according to the

A couple of weeks ago, German power spot prices exceeded €800/megawatt hour, their highest in years. As always, the brunt is borne by the consumer 🙁 . Germany's increased dependence on oil-fired plants arises from closures of coal and nuclear facilities. In 2021, before madness took hold and closed them all down, nuclear power provided 13.2% of Germany' total power demand. Shooting yourself in the foot doesn't tend to help when you're trying to run a marathon. France's extensive nuclear infrastructure provides it with a great deal of cushioning from interruptions to renewable sources (little sunlight, light wind etc), so it should withstand price shocks better than Germany this winter.

It keeps getting worse for Germany, which will bear 3000 of the 4000 European job losses planned by Ford. Ford's CFO singled out weak German demand as a particular problem, in addition to ferocious Chinese competition for the scraps of European demand. In the Guangzhou car show, makers unveiled 512 new EV models! If China can make them better and cheaper, why should customers pay more for inferior products? That won't stop the EU imposing its stringent tariffs. Politicians stifling global competition. What could possibly go wrong?

Nvidia reports its Q3 earnings tonight. No pressure guys, you've been carrying the stock market for so long now, we're sure you can keep it up! They'll be hoping for better than the Q3 earnings from Target, which disappointed and the company's share price dropped 18% at open today. A retailer for basic goods and daily essentials doing badly isn't the best sign for the US economy as a whole. Maybe some big Christmas buying will help the struggling store.

Yesterday, we received some less than positive housing data from the US for October: building permits and housing starts both declined on the month to extend declines in September. But the weekly MBA mortgage applications data released today showed an improvement, increasing by 1.7% in the week ending the 15 November, despite mortgage rates on the 30-year fix edging up to 6.9%. And almost all of this increase was driven by the interest rate sensitive refinancing of applications. So perhaps the housing market is turning and demand for property is increasing after all. But this print, taken with last week's muted increase, followed 6 consecutive decreases in mortgage applications. On an aggregate basis, mortgage applications remain 30% lower than their end of September level.

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Front Month Outrig	nts			
December Swaps		20-Nov-24	1-Day Change	7-Day Change
Crude				
Brent	(\$/bbl)	72.890	+0.310	+1.060
WTI	(\$/bbl)	69.180	+0.510	+1.050
Dubai	(\$/bbl)	72.080	+0.340	+1.060
Distillates				
Gasoil 0.1 NWE	(\$/mt)	678.690	-5.040	+14.490
NWE Jet	(\$/mt)	725.440	-4.040	+9.740
Singapore 10ppm	(\$/bbl)	88.720	-0.350	+2.120
Sing Kero	(\$/bbl)	89.320	-0.400	+1.940
Gasoline				
RBOB	(c/gal)	200.080	+1.890	+6.610
EBOB	(\$/mt)	676.560	+6.610	+24.420
Singapore 92	(\$/bbl)	80.160	+0.670	+2.890
Singapore 95	(\$/bbl)	84.910	+0.680	+3.000
Naphtha				
US C5 ENT	(c/gal)	148.750	+2.110	+2.980
NWE Naphtha	(\$/mt)	619.350	+7.740	+8.630
MOPJ Naphtha	(\$/mt)	640.350	+8.580	+10.130
Fuel Oil				
3.5% barges	(\$/mt)	411.480	+4.890	-0.760
Singapore 380	(\$/mt)	424.670	+3.080	-2.420
Singapore 180	(\$/mt)	436.170	+2.270	-1.490
0.5% barges	(\$/mt)	492.630	+4.000	+7.300
Singapore 0.5%	(\$/mt)	538.920	+3.420	+7.230
NGLs				
US Propane LST	(c/gal)	80.038	+1.181	+0.648
NWE Propane	(\$/mt)	558.500	+6.160	+10.330
Saudi Propane CP	(\$/mt)	626.500	+6.660	+6.420
Asian Propane FEI	(\$/mt)	620.500	+5.160	+1.420
US Butane ENT	(c/gal)	104.550	+1.200	-3.190
Saudi Butane CP	(\$/mt)	611.540	+0.740	-3.450





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	ватто	Dec-24	Jan-25	reb-25	Mar-25	Q1-25	Q2-25
(\$/bbl)	73.200	72.890	72.670	72.500	72.350	72.507	72.063
(\$/bbl)	69.300	69.180	68.920	68.730	68.580	68.743	68.297
(\$/bbl)	72.430	72.080	71.830	71.570	71.380	71.593	71.077
(\$/mt)	682.250	678.690	675.230	674.260	672.500	673.997	669.223
(\$/mt)	732.000	725.440	726.300	725.600	723.750	725.217	720.723
(\$/bbl)	89.320	88.720	88.330	88.100	87.920	88.117	87.717
(\$/bbl)	89.470	89.320	88.740	88.280	87.870	88.297	87.370
(c/gal)	205.500	200.080	200.050	201.650	219.120	206.940	217.570
(\$/mt)	681.810	676.560	672.810	675.810	680.810	676.477	713.060
	79.710	80.160	80.130	80.050	80.000	80.060	79.043
(\$/bbl)	84.710	84.910	84.280	84.200	84.150	84.210	82.843
(c/gal)	150.250	148.750	148.370	147.870	146.370	147.537	143.037
_				611.100	606.100	611.017	596.433
(\$/mt)	640.850	640.350	635.600	630.850	625.600	630.683	614.933
(\$/mt)	417.480	411.480	407.480	404.230	402.480	404.730	399.147
							406.003
							416.503
	495.880		488.380	484.880			476.880
	546.170	538.920	532.240	526.670	522.420	527.110	515.170
(c/gal)	79.913	80.038	79.788	79.038	76.538	78.455	72.955
							484.167
							545.333
							558.167
			104.300	100.920			88.493
_	611.540	611.540	608.040	600.540	584.040	597.540	538.373
	(\$/bbl) (\$/mt) (\$/mt) (\$/bbl) (\$/bbl) (\$/mt) (\$/bbl) (\$/bbl) (\$/mt) (\$/mt)	(\$/bbl) 73.200 (\$/bbl) 69.300 (\$/bbl) 72.430 (\$/mt) 682.250 (\$/mt) 732.000 (\$/bbl) 89.320 (\$/bbl) 89.470 (\$/bbl) 79.710 (\$/bbl) 79.710 (\$/bbl) 84.710 (\$/mt) 621.350 (\$/mt) 640.850 (\$/mt) 436.420 (\$/mt) 436.420 (\$/mt) 448.420 (\$/mt) 495.880 (\$/mt) 546.170 (\$/mt) 626.500 (\$/mt) 621.500 (\$/mt) 626.500 (\$/mt) 626.500 (\$/mt) 626.500 (\$/mt) 621.500 (\$/mt) 626.500	(\$/bb1) 73.200 72.890   (\$/bb1) 69.300 69.180   (\$/bb1) 72.430 72.080   (\$/mt) 682.250 678.690   (\$/mt) 732.000 725.440   (\$/bb1) 89.320 88.720   (\$/bb1) 89.470 89.320   (\$/mt) 681.810 676.560   (\$/bb1) 79.710 80.160   (\$/bb1) 84.710 84.910   (\$/mt) 621.350 619.350   (\$/mt) 640.850 640.350   (\$/mt) 436.420 424.670   (\$/mt) 448.420 436.170   (\$/mt) 495.880 492.630   (\$/mt) 546.170 538.920   (\$/mt) 626.500 626.500   (\$/mt) 626.500 626.500   (\$/mt) 621.500 620.500   (\$/mt) 626.500 620.500   (\$/mt) 621.500 620.500   (\$/mt) 626.500 626.500   (\$/mt) 620.500 620.500   (\$/mt) <td>(\$/bb1)   73.200   72.890   72.670     (\$/bb1)   69.300   69.180   68.920     (\$/bb1)   72.430   72.080   71.830     (\$/mt)   682.250   678.690   675.230     (\$/mt)   732.000   725.440   726.300     (\$/bb1)   89.320   88.720   88.330     (\$/bb1)   89.470   89.320   88.740     (\$c/gal)   205.500   200.080   200.050     (\$/mt)   681.810   676.560   672.810     (\$/bb1)   79.710   80.160   80.130     (\$/bb1)   84.710   84.910   84.280     (\$c/ga1)   150.250   148.750   148.370     (\$mt)   621.350   619.350   615.850     (\$mt)   640.850   640.350   635.600     (\$mt)   436.420   424.670   416.670     (\$mt)   448.420   436.170   427.920     (\$mt)   546.170   538.920   532.240     (\$mt)   546.170<!--</td--><td>(\$/bb1)   73.200   72.890   72.670   72.500     (\$/bb1)   69.300   69.180   68.920   68.730     (\$/bb1)   72.430   72.080   71.830   71.570     (\$/mt)   682.250   678.690   675.230   674.260     (\$/mt)   732.000   725.440   726.300   725.600     (\$/bb1)   89.320   88.720   88.330   88.100     (\$/bb1)   89.470   89.320   88.740   88.280     (\$c/gal)   205.500   200.080   200.050   201.650     (\$/mt)   681.810   676.560   672.810   675.810     (\$/mt)   621.350   619.350   615.850   611.100     (\$/mt)   420.250<td>(\$/bb1)   73.200   72.890   72.670   72.500   72.350     (\$/bb1)   69.300   69.180   68.920   68.730   68.580     (\$/bb1)   72.430   72.080   71.830   71.570   71.380     (\$/mt)   682.250   678.690   675.230   674.260   672.500     (\$/mt)   732.000   725.440   726.300   725.600   723.750     (\$/bb1)   89.320   88.720   88.330   88.100   87.920     (\$/mt)   681.810   676.560   672.810   675.810   680.810     (\$/mt)   681.810   676.560   672.810   675.810   680.810     (\$/mt)   79.710   80.160   80.130   80.050   80.000     (\$/mt)   84.710   84.910   84.280   84.200   84.150     (\$/mt)   621.350   619.350   615.850   611.100   606.100     (\$/mt)   640.850   640.350   635.600   630.850   625.600     (\$/mt)   417.480<!--</td--><td>(\$/bbl)   73.200   72.890   72.670   72.500   72.350   72.507     (\$/bbl)   69.300   69.180   68.920   68.730   68.580   68.743     (\$/bbl)   72.430   72.080   71.830   71.570   71.380   71.593     (\$/mt)   682.250   678.690   675.230   674.260   672.500   673.997     (\$/mt)   732.000   725.440   726.300   725.600   723.750   725.217     (\$/bbl)   89.320   88.720   88.330   88.100   87.920   88.117     (\$/bbl)   89.470   89.320   88.740   88.280   87.870   88.297     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810</td></td></td></td>	(\$/bb1)   73.200   72.890   72.670     (\$/bb1)   69.300   69.180   68.920     (\$/bb1)   72.430   72.080   71.830     (\$/mt)   682.250   678.690   675.230     (\$/mt)   732.000   725.440   726.300     (\$/bb1)   89.320   88.720   88.330     (\$/bb1)   89.470   89.320   88.740     (\$c/gal)   205.500   200.080   200.050     (\$/mt)   681.810   676.560   672.810     (\$/bb1)   79.710   80.160   80.130     (\$/bb1)   84.710   84.910   84.280     (\$c/ga1)   150.250   148.750   148.370     (\$mt)   621.350   619.350   615.850     (\$mt)   640.850   640.350   635.600     (\$mt)   436.420   424.670   416.670     (\$mt)   448.420   436.170   427.920     (\$mt)   546.170   538.920   532.240     (\$mt)   546.170 </td <td>(\$/bb1)   73.200   72.890   72.670   72.500     (\$/bb1)   69.300   69.180   68.920   68.730     (\$/bb1)   72.430   72.080   71.830   71.570     (\$/mt)   682.250   678.690   675.230   674.260     (\$/mt)   732.000   725.440   726.300   725.600     (\$/bb1)   89.320   88.720   88.330   88.100     (\$/bb1)   89.470   89.320   88.740   88.280     (\$c/gal)   205.500   200.080   200.050   201.650     (\$/mt)   681.810   676.560   672.810   675.810     (\$/mt)   621.350   619.350   615.850   611.100     (\$/mt)   420.250<td>(\$/bb1)   73.200   72.890   72.670   72.500   72.350     (\$/bb1)   69.300   69.180   68.920   68.730   68.580     (\$/bb1)   72.430   72.080   71.830   71.570   71.380     (\$/mt)   682.250   678.690   675.230   674.260   672.500     (\$/mt)   732.000   725.440   726.300   725.600   723.750     (\$/bb1)   89.320   88.720   88.330   88.100   87.920     (\$/mt)   681.810   676.560   672.810   675.810   680.810     (\$/mt)   681.810   676.560   672.810   675.810   680.810     (\$/mt)   79.710   80.160   80.130   80.050   80.000     (\$/mt)   84.710   84.910   84.280   84.200   84.150     (\$/mt)   621.350   619.350   615.850   611.100   606.100     (\$/mt)   640.850   640.350   635.600   630.850   625.600     (\$/mt)   417.480<!--</td--><td>(\$/bbl)   73.200   72.890   72.670   72.500   72.350   72.507     (\$/bbl)   69.300   69.180   68.920   68.730   68.580   68.743     (\$/bbl)   72.430   72.080   71.830   71.570   71.380   71.593     (\$/mt)   682.250   678.690   675.230   674.260   672.500   673.997     (\$/mt)   732.000   725.440   726.300   725.600   723.750   725.217     (\$/bbl)   89.320   88.720   88.330   88.100   87.920   88.117     (\$/bbl)   89.470   89.320   88.740   88.280   87.870   88.297     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810</td></td></td>	(\$/bb1)   73.200   72.890   72.670   72.500     (\$/bb1)   69.300   69.180   68.920   68.730     (\$/bb1)   72.430   72.080   71.830   71.570     (\$/mt)   682.250   678.690   675.230   674.260     (\$/mt)   732.000   725.440   726.300   725.600     (\$/bb1)   89.320   88.720   88.330   88.100     (\$/bb1)   89.470   89.320   88.740   88.280     (\$c/gal)   205.500   200.080   200.050   201.650     (\$/mt)   681.810   676.560   672.810   675.810     (\$/mt)   621.350   619.350   615.850   611.100     (\$/mt)   420.250 <td>(\$/bb1)   73.200   72.890   72.670   72.500   72.350     (\$/bb1)   69.300   69.180   68.920   68.730   68.580     (\$/bb1)   72.430   72.080   71.830   71.570   71.380     (\$/mt)   682.250   678.690   675.230   674.260   672.500     (\$/mt)   732.000   725.440   726.300   725.600   723.750     (\$/bb1)   89.320   88.720   88.330   88.100   87.920     (\$/mt)   681.810   676.560   672.810   675.810   680.810     (\$/mt)   681.810   676.560   672.810   675.810   680.810     (\$/mt)   79.710   80.160   80.130   80.050   80.000     (\$/mt)   84.710   84.910   84.280   84.200   84.150     (\$/mt)   621.350   619.350   615.850   611.100   606.100     (\$/mt)   640.850   640.350   635.600   630.850   625.600     (\$/mt)   417.480<!--</td--><td>(\$/bbl)   73.200   72.890   72.670   72.500   72.350   72.507     (\$/bbl)   69.300   69.180   68.920   68.730   68.580   68.743     (\$/bbl)   72.430   72.080   71.830   71.570   71.380   71.593     (\$/mt)   682.250   678.690   675.230   674.260   672.500   673.997     (\$/mt)   732.000   725.440   726.300   725.600   723.750   725.217     (\$/bbl)   89.320   88.720   88.330   88.100   87.920   88.117     (\$/bbl)   89.470   89.320   88.740   88.280   87.870   88.297     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810</td></td>	(\$/bb1)   73.200   72.890   72.670   72.500   72.350     (\$/bb1)   69.300   69.180   68.920   68.730   68.580     (\$/bb1)   72.430   72.080   71.830   71.570   71.380     (\$/mt)   682.250   678.690   675.230   674.260   672.500     (\$/mt)   732.000   725.440   726.300   725.600   723.750     (\$/bb1)   89.320   88.720   88.330   88.100   87.920     (\$/mt)   681.810   676.560   672.810   675.810   680.810     (\$/mt)   681.810   676.560   672.810   675.810   680.810     (\$/mt)   79.710   80.160   80.130   80.050   80.000     (\$/mt)   84.710   84.910   84.280   84.200   84.150     (\$/mt)   621.350   619.350   615.850   611.100   606.100     (\$/mt)   640.850   640.350   635.600   630.850   625.600     (\$/mt)   417.480 </td <td>(\$/bbl)   73.200   72.890   72.670   72.500   72.350   72.507     (\$/bbl)   69.300   69.180   68.920   68.730   68.580   68.743     (\$/bbl)   72.430   72.080   71.830   71.570   71.380   71.593     (\$/mt)   682.250   678.690   675.230   674.260   672.500   673.997     (\$/mt)   732.000   725.440   726.300   725.600   723.750   725.217     (\$/bbl)   89.320   88.720   88.330   88.100   87.920   88.117     (\$/bbl)   89.470   89.320   88.740   88.280   87.870   88.297     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810</td>	(\$/bbl)   73.200   72.890   72.670   72.500   72.350   72.507     (\$/bbl)   69.300   69.180   68.920   68.730   68.580   68.743     (\$/bbl)   72.430   72.080   71.830   71.570   71.380   71.593     (\$/mt)   682.250   678.690   675.230   674.260   672.500   673.997     (\$/mt)   732.000   725.440   726.300   725.600   723.750   725.217     (\$/bbl)   89.320   88.720   88.330   88.100   87.920   88.117     (\$/bbl)   89.470   89.320   88.740   88.280   87.870   88.297     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810   680.810   676.477     (\$/mt)   681.810   676.560   672.810   675.810



Front Month Sn	roade			
Front Month Sp	leaus			
Dec/Jan		20-Nov-24	1-Day Change	7-Day Change
Crude				
Brent	(\$/bbl)	0.220	+0.030	-0.020
WTI	(\$/bbl)	0.260	+0.100	+0.000
Dubai	(\$/bbl)	0.250	+0.000	-0.050
Distillates				
Gasoil 0.1 NWE	(\$/mt)	3.460	-1.570	+2.150
NWE Jet	(\$/mt)	-0.860	-1.640	-2.670
Singapore 10ppm	(\$/bbl)	0.390	+0.000	+0.040
Sing Kero	(\$/bbl)	0.580	-0.040	-0.050
Gasoline				
RBOB	(c/gal)	0.030	+0.250	+0.370
EBOB	(\$/mt)	3.750	+1.000	+1.250
Singapore 92	(\$/bbl)	0.030	+0.010	+0.110
Singapore 95	(\$/bbl)	0.630	-0.190	+0.110
Naphtha				
US C5 ENT	(c/gal)	0.380	+0.000	-0.120
NWE Naphtha	(\$/mt)	3.500	+0.000	+0.000
MOP-Japan Naphtha	(\$/mt)	4.750	+0.750	+1.250
Fuel Oil				
3.5% barges	(\$/mt)	4.000	+0.000	-2.500
Singapore 380	(\$/mt)	8.000	-0.250	-2.250
Singapore 180	(\$/mt)	8.250	-0.750	-2.000
0.5% barges	(\$/mt)	4.250	+0.500	+0.250
Singapore 0.5%	(\$/mt)	6.680	-0.070	-0.820
NGLs				
US Propane LST	(c/gal)	0.250	+0.125	+0.500
NWE Propane	(\$/mt)	11.000	-1.750	+2.250
Saudi Propane CP	(\$/mt)	10.500	+0.500	+1.500
Asian Propane FEI	(\$/mt)	5.000	+0.000	+0.500
US Butane ENT	(c/gal)	0.250	-0.250	-1.000
Saudi Butane CP	(\$/mt)	3.500	-2.000	-1.500





Front Month Cracks and Diffs			
December	20-Nov-24	1-Day Change	7-Day Change
Crude			
Brent/Dubai (\$/bbl)	0.820	-0.010	+0.000
WTI/Brent (\$/bbl)	-3.720	+0.190	-0.020
Distillates			
Gasoil 0.1 NWE crack (\$/bbl)	18.210	-0.970	+0.910
NWE Jet crack (\$/bbl)	19.140	-0.840	+0.160
NWE Jet Diff (\$/mt)	46.500	+0.750	-5.000
Gasoil E/W (\$/bbl)	-17.850	+2.400	+1.280
Regrade (Sing Kero vs Sing 10ppm) (\$/bbl)	0.600	-0.050	-0.180
Gasoline			
TA Arb (RBOB vs EBOB) (c/gal)	6.700	+0.000	-0.400
EBOB crack (\$/bbl)	8.340	+0.510	+1.900
Singapore 92 crack (\$/bbl)	7.290	+0.400	+1.870
Gasoline E/W (Sing 92 vs EBOB) (\$/bbl)	-1.060	-0.120	-0.040
European Gasnaph (EBOB vs Naphtha) (\$/mt)	57.310	-0.830	+16.140
Asian Gasnaph (Sing 92 vs MOPJ) (\$/bbl)	27.470	-2.550	+14.290
Naphtha			
US C5 ENT vs WTI Crack (\$/bbl)	-6.700	+0.370	+0.220
NWE Naphtha Crack (\$/bb1)	-3.300	+0.550	-0.100
MOPJ Naphtha Crack (\$/bbl)	-0.940	+0.630	+0.070
Naphtha E/W (NWE vs MOPJ) (\$/mt)	21.000	+0.750	+1.500
Fuel Oil			
3.5% barges crack (\$/bbl)	-8.090	+0.440	-1.190
Singapore 380 crack (\$/bbl)	-6.000	+0.170	-1.440
Singapore 180 crack (\$/bbl)	-4.190	+0.050	-1.280
Visco (180-380) (\$/mt)	11.500	-0.750	+1.000
HSFO E/W (380 vs 3.5% barges) (\$/mt)	13.250	-1.750	-1.600
0.5% barges crack (\$/bbl)	4.700	+0.320	
Singapore 0.5% crack (\$/bbl)	12.000	+0.240	+0.100
VLSFO E/W (Sing 0.5% vs 0.5% barges) (\$/mt)	46.350	-0.510	-0.010
European Hi5 (0.5% barges vs 3.5% barges) (\$/mt)	81.220	-0.760	+8.200
Asian Hi5 (Sing 0.5% vs 380) (\$/mt)	114.320	+0.480	+9.790
0.5% barges/gasoil (\$/mt)	-186.220	+8.780	-7.160
Sing 0.5% vs Sing 10ppm (\$/mt)	-121.910	+5.900	-8.270
NGLs			
US Propane LST vs NWE Propane (\$/mt)	-141.500	+0.000	-7.000
US Propane LST vs Asian Propane FEI (\$/mt)	-203.500	+1.000	+2.000
Asian Propane FEI vs NWE Propane (\$/mt)	62.000	-1.000	-9.000
Asian Propane FEI vs Saudi Propane CP (\$/mt)	-6.000	-1.500	-5.000
European Pronap (NWE Propane vs NWE Naphtha ) (\$/mt)	-60.760	-1.410	+1.880
Asian Pronap (FEI vs MOPJ) (\$/mt)	-13.720	-1.710	-3.490



Long Tenor Cracks / Diffs							
	Dolmo	Dag 24	T 0F	Dah OF	Man. 05	01 05	00.05
Garage de la companya	Balmo	Dec-24	Jan-25	Feb-25	Mar-25	Q1-25	Q2-25
Crude	0.700	0.000	0.050	0.000	0 070	0.017	0 007
Brent/Dubai (\$/bbl)	0.780	0.820	0.850	0.930	0.970	0.917	0.987
WTI/Brent (\$/bbl)	-3.910	-3.720	-3.750	-3.770	-3.780	-3.767	-3.760
Distillates	40.40	40.04	4	4= 00	4 04	4= 0=	4
Gasoil 0.1 NWE crack (\$/bbl)	18.40	18.21	17.96	17.98	17.91	17.95	17.75
NWE Jet crack (\$/bbl)	19.68	19.14	19.48	19.58	19.52	19.53	19.42
NWE Jet Diff (\$/mt)	49.50	46.50	51.00	51.50 -17.77	51.50	51.33	51.75
Gasoil E/W (\$/bbl)	-17.07	-17.85	-17.17		-17.27	-17.40	-15.49
Regrade (Sing Kero vs Sing 10ppm) (\$/bb1)	0.15	0.60	0.41	0.16	-0.06	0.17	-0.35
Gasoline	40.600				0.4 = 0.0	40	40 700
TA Arb (RBOB vs EBOB) (c/gal)	10.600	6.700	7.710	8.460	24.500	13.557	13.733
EBOB crack (\$/bbl)	8.660	8.340	8.120	8.640	9.390	8.717	13.557
Singapore 92 crack (\$/bbl)	6.530	7.290	7.480	7.580	7.660	7.573	7.000
Gasoline E/W (Sing 92 vs EBOB) (\$/bbl)	-2.140	-1.060	-0.640	-1.080	-1.730	-1.150	-6.557
European Gasnaph (EBOB vs Naphtha) (\$/mt)	60.700	57.310	57.060	64.810	74.810	65.560	116.727
Asian Gasnaph (Sing 92 vs MOPJ) (\$/bbl)	23.380	27.470	31.970	36.060	40.890	36.307	43.590
Naphtha							
US C5 ENT vs WTI Crack (\$/bbl)	-6.180	-6.700	-6.600	-6.620	-7.100	-6.773	-8.217
NWE Naphtha Crack (\$/bbl)	-3.390	-3.300	-3.470	-3.840	-4.260	-3.857	-5.043
MOPJ Naphtha Crack (\$/bbl)	-1.190	-0.940	-1.250	-1.620	-2.070	-1.647	-2.970
Naphtha E/W (NWE vs MOPJ) (\$/mt)	19.500	21.000	19.750	19.750	19.500	19.667	18.500
Fuel Oil							
3.5% bgs crack (\$/bbl)	-7.460	-8.090	-8.500	-8.840	-8.970	-8.770	-9.200
Singapore 380 crack (\$/bbl)	-4.460	-6.000	-7.040	-7.580	-7.750	-7.457	-8.113
Singapore 180 crack (\$/bbl)	-2.570	-4.190	-5.270	-5.850	-6.050	-5.723	-6.460
Visco (180-380) (\$/mt)	12.000	11.500	11.250	11.000	10.750	11.000	10.500
HSFO E/W (380 vs 3.5% bgs) (\$/mt)	19.000	13.250	9.250	8.000	7.750	8.333	6.917
0.5% bgs crack (\$/bbl)	4.900	4.700	4.250	3.870	3.590	3.903	3.050
Singapore 0.5% crack (\$/bbl)	12.830	12.000	11.160	10.460	9.940	10.520	9.090
VLSFO E/W (Sing 0.5% vs 0.5% bgs) (\$/mt)	50.350	46.350	43.850	41.850	40.350	42.017	38.350
European Hi5 (0.5% bgs vs 3.5% bgs) (\$/mt)	78.470	81.220	80.970	80.720	79.720	80.470	77.803
Asian Hi5 (Sing 0.5% vs 380) (\$/mt)	109.820	114.320			112.320	114.153	109.237
0.5% bgs/gasoil (\$/mt)				-189.150 -129.540			
Sing 0.5% vs Sing 10ppm (\$/mt)	-119.130	-121.910	-125.760	-129.540	-132.000	-129.327	-130.337
NGLs	154 15	141 -	101 01	110 71	112.00	101 500	104.07
US Propane LST vs NWE Propane (\$/mt)	-154.15	-141.5		-119.71		-121.583	-104.07
US Propane LST vs Asian Propane FEI (\$/mt)	-205.15	-203.5	-199.81	-194.71		-194.587	-178.073
Asian Propane FEI vs NWE Propane (\$/mt)	51	62	-0 F	75	76 _1 5	-0 333	12 022
Asian Propane FEI vs Saudi Propane CP (\$/mt)	-50 76	-60 76	-0.5	-79 <i>4</i> 7	-1.5 -04.01	-0.333	12.833
European Pronap (\$/mt)	-50.76 -14.22	-60.76 -13.72	-68.26 -19.47	-79.47 -25.22	-94.01 -35.07	-80.58 -26.887	-112.177
Asian Pronap (FEI vs MOPJ) (\$/mt)	-14.22	-13.72	-19.47	-25.22	-35.97	-26.887	-69.47





Inter-month Crack Spreads	<u> </u>		
•	20-Nov-24	1-Day Change	7-Day Chango
Dec/Jan	20-NOV-24	1-Day Change	7-Day Change
Crude	0.020	10.020	10.020
Brent/Dubai (\$/bbl)	-0.030	+0.030	+0.030
WTI/Brent (\$/bbl)	0.030	+0.060	+0.000
Distillates			
Gasoil 0.1 NWE crack (\$/bbl)	0.250	-0.220	+0.330
NWE Jet crack (\$/bbl)	-0.340	-0.220	-0.350
NWE Jet Diff (\$/mt)	-4.500	-0.250	-5.000
Gasoil E/W (\$/bbl)	-0.680	+1.340	-1.610
Regrade (Sing Kero vs Sing 10ppm) (\$/bb1)	0.190	-0.040	-0.090
Gasoline			
TA Arb (RBOB vs EBOB)(c/gal)	-1.010	+0.010	+0.020
EBOB crack (\$/bbl)	0.220	+0.080	+0.150
Singapore 92 crack (\$/bbl)	-0.190	-0.020	+0.120
Gasoline E/W (Sing 92 vs EBOB) (\$/bbl)	-0.420	-0.110	-0.040
European Gasnaph (EBOB vs Naphtha) (\$/mt)	0.250	+1.000	+1.250
Asian Gasnaph (Sing 92 vs MOPJ) (\$/bbl)	-4.500	-0.660	-0.330
Naphtha			
US C5 ENT vs WTI Crack (\$/bbl)	-0.100	-0.100	-0.040
NWE Naphtha Crack (\$/bbl)	0.170	-0.020	+0.010
MOPJ Naphtha Crack (\$/bbl)	0.310	+0.060	+0.150
Naphtha E/W (NWE vs MOPJ) (\$/mt)	1.250	+0.750	+1.250
Fuel Oil			
3.5% barges crack (\$/bbl)	0.410	-0.020	-0.380
Singapore 380 crack (\$/bbl)	1.040	-0.060	-0.340
Singapore 180 crack (\$/bbl)	1.080	-0.140	-0.300
Visco (180-380) (\$/mt)	0.250	-0.500	+0.250
HSFO E/W (380 vs 3.5% barges) (\$/mt)	4.000	-0.250	+0.250
0.5% barges crack (\$/bbl)	0.450	+0.060	+0.050
Singapore 0.5% crack (\$/bbl)	0.840	-0.020	-0.110
VLSFO E/W (Sing 0.5% vs 0.5% barges) (\$/mt)	2.500	-0.500	-1.000
European Hi5 (0.5% barges vs 3.5% barges) (\$/mt)	0.250	+0.500	+2.750
Asian Hi5 (Sing 0.5% vs 380) (\$/mt)	-1.250	+0.250	+1.500
0.5% barges/gasoil (\$/mt)	0.500	+1.570	-1.930
Sing 0.5% vs Sing 10ppm (\$/mt)	3.850	+0.010	-1.050
NGLs			
US Propane LST vs NWE Propane (\$/mt)	-9.690	+2.410	+0.360
US Propane LST vs Asian Propane FEI (\$/mt)	-3.690	+0.660	+2.110
Asian Propane FEI vs NWE Propane (\$/mt)	-6.000	+1.750	-1.750
Asian Propane FEI vs Saudi Propane CP (\$/mt)	-5.500	-0.500	-1.000
European Pronap (NWE Propane vs NWE Naphtha ) (\$/mt)	7.500	-1.750	+2.160

