# The Officials The Benchmark Publication

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#### **Market Summary**

#### Will a dump follow the squeeze?

"What is the point of a Benchmark if two players can dictate it" one analyst said ruefully as if at a sick bay following a night of too many. And this got us thinking, what if a time of excessive ingestion of physical cargoes is followed by some amount of sickness when the cargoes are regurgitated again? These are physical things that need to be put to bed properly, into a refinery and not into a storage tanks when the market is in backwardation. What if, the thinking went, traders squeeze a market after having loaded with paper and then later barf the cargoes in the periods that...yes, you guessed it, they are short the paper?

It appears the oil market is like a spinning top, which might be losing its momentum. When so much is focused on one point, a drying market, the ability to steer by a minority of actors is elevated. But inertia eventually wins and the tops falls or the bottom falls out of the market. You choose your metaphor.

Trafigura and Gunvor continued to goose up the North Sea benchmark, bidding for more cargoes, whilst Repsol continued to bid but found no seller. Gunvor pulled two Midland cargoes from the chains, whilst Trafigura bought yet another Midland cargo from Glencore. Gunvor is now believed to be holding 30 cargoes, 21mbbls or almost \$1.8bn in today's market. Gunvor was also financing Gabon's Assala Energy acquisition from Carlyle. Good to have generous banking lines. According to traders, Trafigura has been seen selling paper post window, some speculate perhaps early profit taking, whilst other analysts are attributing more to Hawthorne effects. Another analyst foresees the dump coming on Friday, who knows...But today diffs for dated went up around 5 cts.

Short traders, by definition, find little reason to be bullish. Extremes in the prompt have been driving heightened volatility, with traders expecting "an aggressive sell off to come in futures / dated".

Upward pressure in Brent certainly seems to be easing, with August Brent futures falling 27 cts since yesterday. M1/M2 spreads were little changed at \$0.88/bbl, gaining only 4 cts against the close yesterday. Implied diffs were pricing around 40 cts lower for next week, traders reported.

See 'In Detail' section overleaf.

| Summary              | -        |           |              |              |
|----------------------|----------|-----------|--------------|--------------|
| Physical and Futures |          | 25-Jun-24 | 1-Day Change | 7-Day Change |
| Brent Aug (fut)      | (\$/bbl) | 85.610    | -0.270       | +0.560       |
| WTI Aug (fut)        | (\$/bbl) | 81.340    | -0.160       | +0.840       |
| Dubai Aug (phys)     | (\$/bbl) | 85.030    | +0.145       | +1.725       |
| Crude Swaps Jul      |          |           |              |              |
| Brent                | (\$/bbl) | 84.740    | -0.260       | +0.610       |
| DFL                  | (\$/bbl) | 0.670     | -0.060       | -0.160       |
| WTI                  | (\$/bbl) | 81.090    | -0.160       | +0.845       |
| Dubai                | (\$/bbl) | 84.920    | -0.270       | +0.950       |

### The Benchmark Publication



#### In detail

As at 16:30 BST, August WTI and Brent futures closed at \$81.34/bbl and \$85.61/bbl respectively. The Brent front month futures contract eased by \$0.27/bbl whilst the WTI contracts fell by \$0.16/bbl, against the same time yesterday. Conversely, our Dubai physical increased by 14.5 cts to \$85.03/bbl. The M1/M2 spreads for Brent futures marginally edged up by 4 cts compared with yesterday's close, to 88 cts/bbl. With Dubai now strengthening relative to Brent, it feels as if we are coming to tipping point, but who knows where the cargoes are destined for...Apparently not China, as runs are reportedly at a 20 month low.

The EU has today implemented a new set of sanctions on shipping companies and vessels participating in the trade of Russian oil, this comes after crude exports from Russia fell by the most in more than three months last week, printing an 18% drop in shipments. Much of the decline in seaborne crude was driven by maintenance at Kosmino and Primorsk, two of Russia's busiest ports. Loadings have since restarted at both ports, so a rebound in exports is expected. It seems Russia are largely unphased by western sanctions.

In Russian ports, 27 tankers loaded a combined total in excess of 20mbbls of Russian crude last week and Sovocomflot PJSC have loaded 3 out of 21 tankers, after a number of idle months. Through complex networks of offshore cargo switching, tracking cargoes and enforcing sanctions becomes a very difficult and costly exercise.

Concerns over future investment in north sea oil have emerged after the Labour party, who are set to replace the UK's current government at the next election on July 4, have pledged to issue no more licenses for oil exploration in the North Sea. Now, the Banking sector is also following suit after a number European banks have backed out of dealings with the oil and gas industry. Just last year Lloyds (the UK's largest bank) said it would no longer provide direct financing for the development of new oil and gas. But the denouncement of oil and gas among banks is not an isolated case, across Europe many other banks have also echoed this sentiment, and as a result, almost 30% of financing to oil and gas companies has been cut.

Barclays have taken a different stance. Banks 'cannot go cold turkey' on the oil industry, said Barclays CEO in London on Tuesday. Nevertheless the Bank did pledge earlier in the year to discontinue new financing for oil and gas. It certainly seems the banking sector is somewhat trapped between listening to due diligence, or listening to public protest.

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|                   | • • -    |           |       |              |         |
|-------------------|----------|-----------|-------|--------------|---------|
| Front Month Outr  | ights    |           |       |              |         |
| July Swaps        |          | 25-Jun-24 | 1-Day | Change 7-Day | Change  |
| Crude             |          |           |       |              |         |
| Brent             | (\$/bbl) | 84.740    |       | -0.260       | +0.610  |
| WTI               | (\$/bbl) | 81.090    |       | -0.160       | +0.845  |
| Dubai             | (\$/bbl) | 84.920    |       | -0.270       | +0.950  |
| Distillates       |          |           |       |              |         |
| Gasoil 0.1 NWE    | (\$/mt)  | 784.150   |       | +4.000       | +5.830  |
| NWE Jet           | (\$/mt)  | 840.650   |       | +1.000       | +1.830  |
| Singapore 10ppm   | (\$/bbl) | 101.500   |       | +0.470       | +0.620  |
| Sing Kero         | (\$/bbl) | 100.050   |       | +0.440       | +0.470  |
| Gasoline          |          |           |       |              |         |
| RBOB              | (c/gal)  | 250.825   |       | +0.695       | +5.185  |
| EBOB              | (\$/mt)  | 833.370   |       | -0.910       | +11.510 |
| Singapore 92      | (\$/bbl) | 90.940    |       | -0.250       | +1.330  |
| Singapore 95      | (\$/bbl) | 95.440    |       | +0.040       | +1.670  |
| Naphtha           |          |           |       |              |         |
| US C5 ENT         | (c/gal)  | 155.290   |       | +0.150       | +2.120  |
| NWE Naphtha       | (\$/mt)  | 680.320   |       | +0.180       | +14.960 |
| MOPJ Naphtha      | (\$/mt)  | 697.320   |       | +0.250       | +14.460 |
| Fuel Oil          |          |           |       |              |         |
| 3.5% barges       | (\$/mt)  | 481.270   |       | -5.080       | -2.660  |
| Singapore 380     | (\$/mt)  | 499.640   |       | -4.460       | +3.210  |
| Singapore 180     | (\$/mt)  | 505.450   |       | -4.400       | +2.020  |
| 0.5% barges       | (\$/mt)  | 557.090   |       | -0.380       | +5.210  |
| Singapore 0.5%    | (\$/mt)  | 604.390   |       | +2.160       | +8.700  |
| NGLS              |          |           |       |              |         |
| US Propane LST    | (c/gal)  | 80.290    |       | +0.430       | +1.200  |
| NWE Propane       | (\$/mt)  | 552.420   |       | +5.350       | +15.860 |
| Saudi Propane CP  | (\$/mt)  | 584.920   |       | -1.150       | +4.860  |
| Asian Propane FEI | (\$/mt)  | 633.420   |       | -0.650       | +8.360  |
| US Butane ENT     | (c/gal)  | 96.690    |       | -0.550       | +1.850  |
| Saudi Butane CP   | (\$/mt)  | 563.920   |       | -1.150       | +2.860  |



### Long Tenor Swaps

|                   |          | Balmo   | Jul-24  | Aug-24  | Sep-24  | Oct-24  | Q3-24   | Q4-24   |
|-------------------|----------|---------|---------|---------|---------|---------|---------|---------|
| Crude             |          |         |         |         |         |         |         |         |
| Brent             | (\$/bbl) | 85.395  | 84.740  | 84.060  | 83.475  | 82.915  | 84.092  | 82.390  |
| WTI               | (\$/bbl) | 81.335  | 81.090  | 80.270  | 79.560  | 78.855  | 80.307  | 78.228  |
| Dubai             | (\$/bbl) | 84.920  | 84.920  | 84.250  | 83.580  | 82.920  | 84.250  | 82.293  |
| Distillates       |          |         |         |         |         |         |         |         |
| Gasoil 0.1 NWE    | (\$/mt)  | 785.125 | 784.150 | 783.280 | 783.430 | 780.150 | 783.620 | 775.182 |
| NWE Jet           | (\$/mt)  | 839.620 | 840.650 | 840.280 | 840.430 | 837.150 | 840.453 | 832.180 |
| Singapore 10ppm   | (\$/bbl) | 101.450 | 101.500 | 101.570 | 101.490 | 101.140 | 101.520 | 100.690 |
| Sing Kero         | (\$/bbl) | 99.950  | 100.050 | 100.220 | 100.260 | 100.150 | 100.177 | 99.907  |
| Gasoline          |          |         |         |         |         |         |         |         |
| RBOB              | (c/gal)  | 252.430 | 250.825 | 247.625 | 228.985 | 223.485 | 242.478 | 220.718 |
| EBOB              | (\$/mt)  | 832.870 | 833.370 | 831.620 | 818.370 | 773.870 | 827.787 | 756.787 |
| Singapore 92      | (\$/bbl) | 90.440  | 90.940  | 90.910  | 90.360  | 89.630  | 90.737  | 88.893  |
| Singapore 95      | (\$/bbl) | 94.240  | 95.440  | 95.210  | 94.610  | 93.630  | 95.087  | 92.843  |
| Naphtha           |          |         |         |         |         |         |         |         |
| US C5 ENT         | (c/gal)  | 154.040 | 155.290 | 155.790 | 156.290 | 157.040 | 155.790 | 156.790 |
| NWE Naphtha       | (\$/mt)  | 690.820 | 680.320 | 670.320 | 663.320 | 659.320 | 671.320 | 654.820 |
| MOP-Japan Naphtha | (\$/mt)  | 705.320 | 697.320 | 688.070 | 680.820 | 675.820 | 688.737 | 670.903 |
| Fuel Oil          |          |         |         |         |         |         |         |         |
| 3.5% barges       | (\$/mt)  | 485.020 | 481.270 | 478.770 | 472.120 | 463.870 | 477.387 | 458.870 |
| Singapore 380     | (\$/mt)  | 506.390 | 499.640 | 492.390 | 481.890 | 471.640 | 491.307 | 466.807 |
| Singapore 180     | (\$/mt)  | 508.450 | 505.450 | 500.950 | 492.700 | 484.450 | 499.700 | 480.367 |
| 0.5% barges       | (\$/mt)  | 558.340 | 557.090 | 554.090 | 550.590 | 546.340 | 553.923 | 542.220 |
| Singapore 0.5%    | (\$/mt)  | 606.890 | 604.390 | 596.890 | 590.390 | 586.140 | 597.223 | 582.140 |
| NGLS              |          |         |         |         |         |         |         |         |
| US Propane LST    | (c/gal)  | 79.040  | 80.290  | 81.040  | 81.420  | 82.540  | 80.917  | 82.913  |
| NWE Propane       | (\$/mt)  | 559.420 | 552.420 | 549.420 | 550.920 | 553.920 | 550.920 | 555.587 |
| Saudi Propane CP  | (\$/mt)  | 584.920 | 584.920 | 580.920 | 583.920 | 591.920 | 583.253 | 598.087 |
| Asian Propane FEI | (\$/mt)  | 637.420 | 633.420 | 631.420 | 633.920 | 638.920 | 632.920 | 640.420 |
| US Butane ENT     | (c/gal)  | 96.190  | 96.690  | 97.190  | 97.190  | 98.690  | 97.023  | 98.983  |
| Saudi Butane CP   | (\$/mt)  | 563.920 | 563.920 | 562.920 | 574.920 | 584.420 | 567.253 | 591.087 |
|                   |          |         |         |         |         |         |         |         |



| Front Month Sp    | reads    |           |              |              |
|-------------------|----------|-----------|--------------|--------------|
| July/Aug          |          | 25-Jun-24 | 1-Day Change | 7-Day Change |
| Crude             |          |           |              |              |
| Brent             | (\$/bbl) | 0.680     | -0.035       | -0.085       |
| WTI               | (\$/bbl) | 0.820     | +0.000       | -0.015       |
| Dubai             | (\$/bbl) | 0.670     | -0.050       | -0.060       |
| Distillates       |          |           |              |              |
| Gasoil 0.1 NWE    | (\$/mt)  | 0.870     | +0.345       | -0.510       |
| NWE Jet           | (\$/mt)  | 0.370     | -0.660       | -1.510       |
| Singapore 10ppm   | (\$/bbl) | -0.070    | +0.000       | -0.070       |
| Sing Kero         | (\$/bbl) | -0.170    | +0.010       | -0.110       |
| Gasoline          |          |           |              |              |
| RBOB              | (c/gal)  | 3.200     | +0.015       | -0.020       |
| EBOB              | (\$/mt)  | 1.750     | -0.250       | -2.000       |
| Singapore 92      | (\$/bbl) | 0.030     | +0.000       | -0.020       |
| Singapore 95      | (\$/bbl) | 0.230     | +0.100       | +0.180       |
| Naphtha           |          |           |              |              |
| US C5 ENT         | (c/gal)  | -0.500    | +0.000       | +0.000       |
| NWE Naphtha       | (\$/mt)  | 10.000    | +0.500       | +3.250       |
| MOP-Japan Naphtha | (\$/mt)  | 9.250     | +0.500       | +2.500       |
| Fuel Oil          |          |           |              |              |
| 3.5% barges       | (\$/mt)  | 2.500     | -0.500       | -2.500       |
| Singapore 380     | (\$/mt)  | 7.250     | -0.750       | -1.500       |
| Singapore 180     | (\$/mt)  | 4.500     | -0.750       | -1.750       |
| 0.5% barges       | (\$/mt)  | 3.000     | +0.000       | -0.620       |
| Singapore 0.5%    | (\$/mt)  | 7.500     | +1.000       | +1.250       |
| NGLS              |          |           |              |              |
| US Propane LST    | (c/gal)  | -0.750    | +0.000       | +0.000       |
| NWE Propane       | (\$/mt)  | 3.000     | +1.500       | +1.500       |
| Saudi Propane CP  | (\$/mt)  | 4.000     | -0.500       | -3.000       |
| Asian Propane FEI | (\$/mt)  | 2.000     | -0.500       | -1.000       |
| US Butane ENT     | (c/gal)  | -0.500    | +0.000       | +0.120       |
| Saudi Butane CP   | (\$/mt)  | 1.000     | -1.000       | +0.000       |





| Front Month Cracks and Diffs                          |           |              |              |
|---|-----------|--------------|--------------|
| July  | 25-Jun-24 | 1-Day Change | 7-Day Change |
| Crude   |           |              |              |
| Brent/Dubai (\$/bbl)                                  | -0.180    | +0.010       | -0.340       |
| WTI/Brent (\$/bbl)                                    | -3.650    | +0.110       | +0.240       |
| Distillates   |           |              |              |
| Gasoil 0.1 NWE crack (\$/bbl)                         | 20.520    | +0.880       | +0.180       |
| NWE Jet crack (\$/bbl)                                | 21.940    | +0.460       | -0.380       |
| NWE Jet Diff (\$/mt)                                  | 56.500    | -3.000       | -4.000       |
| Gasoil E/W (\$/bbl)                                   | -28.000   | -0.500       | -1.250       |
| Regrade (Sing Kero vs Sing 10ppm) (\$/bbl)            | -1.450    | -0.030       | -0.150       |
| Gasoline  |           |              |              |
| TA Arb (RBOB vs EBOB)(c/gal)                          | 12.600    | +0.900       | +1.850       |
| EBOB crack (\$/mt)                                    | 15.310    | +0.160       | +0.800       |
| Singapore 92 crack (\$/bbl)                           | 6.200     | +0.010       | +0.750       |
| Gasoline E/W (Sing 92 vs EBOB) (\$/bbl)               | -9.100    | -0.140       | -0.050       |
| European Gasnaph (EBOB vs Naphtha) (\$/mt)            | 153.050   | -1.190       | -3.480       |
| Asian Gasnaph (Sing 92 vs MOPJ) (\$/mt)               | 60.210    | -2.670       | -3.460       |
| Naphtha   |           |              |              |
| US C5 ENT vs WTI Crack                                | -15.860   | +0.220       | +0.080       |
| NWE Naphtha Crack (\$/bbl)                            | -8.300    |              | +1.100       |
| MOPJ Naphtha Crack (\$/bbl)                           | -6.390    |              | +1.040       |
| Naphtha E/W (NWE vs MOPJ) (\$/mt)                     | 17.000    | +0.250       | -0.500       |
| Fuel Oil  |           |              |              |
| 3.5% barges crack (\$/bbl)                            | -8.950    | -0.500       | -1.000       |
| Singapore 380 crack (\$/bbl)                          | -6.040    |              | -0.060       |
| Singapore 180 crack (\$/bbl)                          | -5.130    |              |              |
| Visco (180-380) (\$/mt)                               | 5.750     |              |              |
| HSFO E/W (380 vs 3.5% barges) (\$/mt)                 | 18.500    |              | +6.000       |
| 0.5% barges crack (\$/bbl)                            | 3.000     | +0.250       | +0.250       |
| Singapore 0.5% crack (\$/bbl)                         | 10.450    | +0.650       |              |
| VLSFO E/W (Sing 0.5% vs 0.5% barges) (\$/mt)          | 47.300    |              | +3.480       |
| European Hi5 (0.5% barges vs 3.5% barges) (\$/mt)     | 75.880    |              | +7.940       |
| Asian Hi5 (Sing 0.5% vs 380) (\$/mt)                  | 104.690   |              | +5.430       |
| 0.5% barges/gasoil (\$/mt)                            | -227.000  | -4.610       | -0.560       |
| Sing 0.5% vs Sing 10ppm (\$/mt)                       | -151.710  | -1.560       | +4.220       |
| NGLS  |           |              |              |
| US Propane LST vs NWE Propane (\$/mt)                 | -134.000  | -3.000       | -9.500       |
| US Propane LST vs Asian Propane FEI (\$/mt)           | -215.000  |              | -2.000       |
| Asian Propane FEI vs NWE Propane (\$/mt)              | 81.000    |              | -7.500       |
| Asian Propane FEI vs Saudi Propane CP (\$/mt)         | 48.500    |              | +3.500       |
| European Pronap (NWE Propane vs NWE Naphtha ) (\$/mt) | -127.990  |              | +0.810       |
| Asian Pronap (FEI vs MOPJ) (\$/mt)                    | -112.470  |              | -9.670       |



### Long Tenor Cracks / Diffs

|  | Balmo    | Jul-24   | Aug-24   | Sep-24   | Oct-24   | Q3-24    | Q4-24    |
|--|----------|----------|----------|----------|----------|----------|----------|
| Crude                                      |          |          |          |          |          |          |          |
| Brent/Dubai (\$/bbl)                       | 0.480    | -0.180   | -0.190   | -0.120   | -0.020   | -0.163   | 0.083    |
| WTI/Brent (\$/bbl)                         | -4.060   | -3.650   | -3.790   | -3.910   | -4.060   | -3.783   | -4.167   |
| Distillates                                |          |          |          |          |          |          |          |
| Gasoil 0.1 NWE crack (\$/bbl)              | 19.99    | 20.52    | 21.08    | 21.68    | 21.80    | 21.09    | 21.66    |
| NWE Jet crack (\$/bbl)                     | 21.15    | 21.94    | 22.57    | 23.17    | 23.32    | 22.56    | 23.21    |
| NWE Jet Diff (\$/mt)                       | 54.50    | 56.50    | 57.00    | 57.00    | 57.00    | 56.83    | 57.00    |
| Gasoil E/W (\$/bbl)                        | -29.32   | -28.00   | -26.58   | -27.33   | -26.68   | -27.30   | -25.06   |
| Regrade (Sing Kero vs Sing 10ppm) (\$/bbl) | -1.50    | -1.45    | -1.35    | -1.23    | -1.00    | -1.34    | -0.79    |
| Gasoline                                   |          |          |          |          |          |          |          |
| TA Arb (RBOB vs EBOB)(c/gal)               | 14.350   | 12.600   | 9.900    | -4.950   | 2.270    | 5.850    | 4.387    |
| EBOB crack (\$/mt)                         | 14.590   | 15.310   | 15.780   | 14.790   | 10.000   | 15.293   | 8.470    |
| Singapore 92 crack (\$/bbl)                | 5.040    | 6.200    | 6.850    | 6.900    | 6.720    | 6.650    | 6.497    |
| Gasoline E/W (Sing 92 vs EBOB) (\$/bbl)    | -9.540   | -9.100   | -8.920   | -7.880   | -3.270   | -8.633   | -1.957   |
| European Gasnaph (EBOB vs Naphtha) (\$/mt) | 142.050  | 153.050  | 161.300  | 155.050  | 114.550  | 156.467  | 101.967  |
| Asian Gasnaph (Sing 92 vs MOPJ) (\$/mt)    | 48.050   | 60.210   | 69.210   | 71.880   | 70.800   | 67.100   | 69.580   |
| Naphtha                                    |          |          |          |          |          |          |          |
| US C5 ENT vs WTI Crack                     | -16.620  | -15.860  | -14.830  | -13.910  | -12.900  | -14.867  | -12.373  |
| NWE Naphtha Crack (\$/bbl)                 | -7.780   | -8.300   | -8.740   | -8.930   | -8.820   | -8.657   | -8.807   |
| MOPJ Naphtha Crack (\$/bbl)                | -6.160   | -6.390   | -6.770   | -6.980   | -6.990   | -6.713   | -7.017   |
| Naphtha E/W (NWE vs MOPJ) (\$/mt)          | 14.500   | 17.000   | 17.750   | 17.500   | 16.500   | 17.417   | 16.083   |
| Fuel Oil                                   |          |          |          |          |          |          |          |
| 3.5% bgs crack (\$/bbl)                    | -9.020   | -8.950   | -8.670   | -9.120   | -9.860   | -8.913   | -10.133  |
| Singapore 380 crack (\$/bbl)               | -5.620   | -6.040   | -6.500   | -7.540   | -8.620   | -6.693   | -8.853   |
| Singapore 180 crack (\$/bbl)               | -5.320   | -5.130   | -5.160   | -5.880   | -6.620   | -5.390   | -6.743   |
| Visco (180-380) (\$/mt)                    | 2.000    | 5.750    | 8.500    | 10.750   | 12.750   | 8.333    | 13.500   |
| HSFO E/W (380 vs 3.5% bgs) (\$/mt)         | 21.500   | 18.500   | 13.750   | 9.900    | 7.900    | 14.050   | 8.067    |
| 0.5% bgs crack (\$/bbl)                    | 2.530    | 3.000    | 3.200    | 3.240    | 3.120    | 3.147    | 2.993    |
| Singapore 0.5% crack (\$/bbl)              | 10.170   | 10.450   | 9.940    | 9.510    | 9.390    | 9.967    | 9.287    |
| VLSFO E/W (Sing 0.5% vs 0.5% bgs) (\$/mt)  | 48.550   | 47.300   | 42.800   | 39.800   | 39.800   | 43.300   | 39.920   |
| European Hi5 (0.5% bgs vs 3.5% bgs) (\$/mt | 73.380   | 75.880   | 75.380   | 78.530   | 82.530   | 76.597   | 83.410   |
| Asian Hi5 (Sing 0.5% vs 380) (\$/mt)       | 100.440  | 104.690  | 104.440  | 108.440  | 114.440  | 105.857  | 115.273  |
| 0.5% bgs/gasoil (\$/mt)                    | -226.720 | -227.000 | -229.130 | -232.630 | -233.760 | -229.587 | -232.920 |
| Sing 0.5% vs Sing 10ppm (\$/mt)            | -148.840 | -151.710 | -159.740 | -165.490 | -167.280 | -158.980 | -167.927 |
| NGLs                                       |          |          |          |          |          |          |          |
| US Propane LST vs NWE Propane (\$/mt)      | -147.52  | -134     | -127.1   | -126.62  | -123.78  | -129.24  | -123.503 |
| US Propane LST vs Asian Propane FEI (\$/mt | -225.52  | -215     | -209.1   | -209.62  | -208.78  | -211.24  | -208.337 |
| Asian Propane FEI vs NWE Propane (\$/mt)   | 78       | 81       | 82       | 83       | 85       | 82       | 84.833   |
| Asian Propane FEI vs Saudi Propane CP (\$/ | 52.5     | 48.5     | 50.5     | 50       | 47       | 49.667   | 42.333   |
| European Pronap (\$/mt)                    | -131.49  | -127.99  | -120.99  | -112.49  | -105.49  | -120.49  | -99.323  |
| Asian Pronap (FEI vs MOPJ) (\$/mt)         | -120.47  | -112.47  | -107.22  | -96.97   | -83.97   | -105.553 | -72.887  |

## The Benchmark Publication



| Inter-month Crack Spreads                             |           |              |              |
|---|-----------|--------------|--------------|
| July/Aug  | 25-Jun-24 | 1-Day Change | 7-Day Change |
| Crude   |           |              |              |
| Brent/Dubai (\$/bbl)                                  | 0.010     | +0.010       | -0.050       |
| WTI/Brent (\$/bbl)                                    | 0.140     | +0.050       | +0.080       |
| Distillates   |           |              |              |
| Gasoil 0.1 NWE crack (\$/bbl)                         | -0.560    | +0.120       | +0.030       |
| NWE Jet crack (\$/bbl)                                | -0.630    | -0.020       | -0.100       |
| NWE Jet Diff (\$/mt)                                  | -0.500    | -1.000       | -1.000       |
| Gasoil E/W (\$/bbl)                                   | -1.420    | -0.570       | -0.050       |
| Regrade (Sing Kero vs Sing 10ppm) (\$/bbl)            | -0.100    | +0.010       | -0.040       |
| Gasoline  |           |              |              |
| TA Arb (RBOB vs EBOB)(c/gal)                          | 2.700     | +0.080       | +0.550       |
| EBOB crack (\$/mt)                                    | -0.470    | +0.010       | -0.140       |
| Singapore 92 crack (\$/bbl)                           | -0.650    | +0.040       | +0.080       |
| Gasoline E/W (Sing 92 vs EBOB) (\$/bbl)               | -0.180    | +0.030       | +0.220       |
| European Gasnaph (EBOB vs Naphtha) (\$/mt)            | -8.250    | -0.750       | -5.250       |
| Asian Gasnaph (Sing 92 vs MOPJ) (\$/mt)               | -9.000    | -0.500       | -2.660       |
| Naphtha   |           |              |              |
| US C5 ENT vs WTI Crack                                | -1.030    | -0.010       | +0.010       |
| NWE Naphtha Crack (\$/bbl)                            | 0.440     | +0.090       | +0.450       |
| MOPJ Naphtha Crack (\$/bbl)                           | 0.380     | +0.120       | +0.390       |
| Naphtha E/W (NWE vs MOPJ) (\$/mt)                     | -0.750    | +0.000       | -0.750       |
| Fuel Oil  |           |              |              |
| 3.5% barges crack (\$/bbl)                            | -0.280    | -0.030       | -0.300       |
| Singapore 380 crack (\$/bbl)                          | 0.460     | -0.080       | -0.150       |
| Singapore 180 crack (\$/bbl)                          | 0.030     | -0.080       | -0.180       |
| Visco (180-380) (\$/mt)                               | -2.750    | +0.000       | -0.250       |
| HSFO E/W (380 vs 3.5% barges) (\$/mt)                 | 4.750     | -0.250       | +1.000       |
| 0.5% barges crack (\$/bbl)                            | -0.200    | +0.050       | +0.000       |
| Singapore 0.5% crack (\$/bbl)                         | 0.510     | +0.210       | +0.300       |
| VLSFO E/W (Sing 0.5% vs 0.5% barges) ( $\$/mt$ )      | 4.500     | +1.000       | +1.860       |
| European Hi5 (0.5% barges vs 3.5% barges) (\$/mt)     | 0.500     | +0.500       | +1.880       |
| Asian Hi5 (Sing 0.5% vs 380) (\$/mt)                  | 0.250     | +1.750       | +2.750       |
| 0.5% barges/gasoil (\$/mt)                            | 2.130     | -0.560       | -0.280       |
| Sing 0.5% vs Sing 10ppm (\$/mt)                       | 8.030     | +1.010       | +1.780       |
| NGLS  |           |              |              |
| US Propane LST vs NWE Propane (\$/mt)                 | -6.900    | -1.490       | -1.490       |
| US Propane LST vs Asian Propane FEI (\$/mt)           | -5.900    | +0.510       | +1.010       |
| Asian Propane FEI vs NWE Propane (\$/mt)              | -1.000    | -2.000       | -2.500       |
| Asian Propane FEI vs Saudi Propane CP (\$/mt)         | -2.000    | +0.000       | +2.000       |
| European Pronap (NWE Propane vs NWE Naphtha ) (\$/mt) | -7.000    | +1.000       | -1.750       |