

WHOLESALE ENERGY



Vessel: **TAIKO** Consumption Testing- Various Speed Settings
 Voyage: **Melbourne -Fremantle-Singapore**

| Date: | Start Time: | RPM | Water % | Beginning Fuel Reading (KG) | End Time: | Ending Fuel Reading (KG) | Viscosity Conversion | Total Hours | Raw Reading (Tons/Hour) | Converted Reading (Tons/Hour) | Converted Reading (Tons/Day) | NOX (PPM) | Comments |
|-----------|-------------|-----|---------|-----------------------------|-----------|--------------------------|----------------------|-------------|-------------------------|-------------------------------|------------------------------|-----------|----------|
| 1/22/2012 | 9:22 AM | 90 | 0 | 79072410 | 10:22 AM | 79076200 | 0.932 | 1 | 3.79 | 3.53 | 84.77 | 906 | |
| 1/22/2012 | 11:10 AM | 90 | 6.5 | 79079500 | 12:10 PM | 79083201 | 0.932 | 1 | 3.70 | 3.45 | 82.78 | 839 | |
| | | | | | | | | | Calculated savings % | | (2.35) | (7.40) | |
| 1/23/2012 | 9:13 AM | 81 | 15 | 79169038 | 11:13 AM | 79174709 | 0.932 | 2 | 2.84 | 2.64 | 63.42 | 812 | |
| 1/23/2012 | 2:00 PM | 81 | 0 | 79184820 | 2:15 PM | 79185560 | 0.932 | 0.25 | 2.96 | 2.76 | 66.21 | 1079 | |
| | | | | | | | | | Calculated savings % | | (4.21) | (24.75) | |
| 1/23/2012 | 2:30 PM | 81 | 15 | 79186164 | 4:30 PM | 79191979 | 0.932 | 2 | 2.91 | 2.71 | 65.03 | 796 | |
| 1/23/2012 | 6:41 PM | 81 | 0 | 79205813 | 7:41 PM | 79208840 | 0.932 | 1 | 3.03 | 2.82 | 67.71 | 1068 | |
| | | | | | | | | | Calculated savings % | | (3.95) | (25.47) | |

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|-----------|-------------|-----|---------|-----------------------------|-----------|--------------------------|----------------------|-------------|-------------------------|-------------------------------|------------------------------|-----------|----------|
| 1/31/2012 | 9:11 AM | 82 | 15 | 79302850 | 11:11 AM | 79308764 | 0.932 | 2 | 2.96 | 2.76 | 66.14 | 674 | |
| 1/31/2012 | 11:29 AM | 82 | 0 | 79309920 | 1:29 PM | 79316140 | 0.932 | 2 | 3.11 | 2.90 | 69.56 | 952 | |
| | | | | | | | | | Calculated savings % | | (4.92) | (29.20) | |
| 1/31/2012 | 2:10 PM | 88 | 9.2 | 79318470 | 4:10 PM | 79326228 | 0.932 | 2 | 3.88 | 3.62 | 86.77 | 699.5 | |
| 1/31/2012 | 4:30 PM | 88 | 0 | 79327670 | 6:30 PM | 79335592 | 0.932 | 2 | 3.96 | 3.69 | 88.60 | 856 | |
| | | | | | | | | | Calculated savings % | | (2.07) | (18.28) | |
| 2/1/2012 | 2:48 PM | 82 | 18 | 79412270 | 4:48 PM | 79418018 | 0.932 | 2 | 2.87 | 2.68 | 64.29 | 594 | |
| 2/1/2012 | 5:05 PM | 82 | 0 | 79419100 | 7:05 PM | 79425070 | 0.932 | 2 | 2.99 | 2.78 | 66.77 | 968 | |
| | | | | | | | | | Calculated savings % | | (3.72) | (38.64) | |
| 2/2/2012 | 4:21 PM | 90 | 12.3 | 79506593 | 5:14 PM | 79509813 | 0.932 | 0.8833 | 3.65 | 3.40 | 81.54 | 594 | |
| 2/2/2012 | 5:27 PM | 90 | 0 | 79510720 | 6:27 PM | 79514500 | 0.932 | 1 | 3.78 | 3.52 | 84.55 | 856 | |
| | | | | | | | | | Calculated savings % | | (3.56) | (30.61) | |
| 2/4/2012 | 9:39 AM | 89 | 10 | 79661825 | 10:39 AM | 79665502 | 0.932 | 1 | 3.68 | 3.43 | 82.25 | 594 | |
| 2/4/2012 | 10:49 AM | 89 | 0 | 79666370 | 11:27 AM | 79668772 | 0.932 | 0.633 | 3.79 | 3.54 | 84.88 | 856 | |
| | | | | | | | | | Calculated savings % | | (3.10) | (30.61) | |