

Crude Monitor.ca Mini-Assay Program

www.crudemonitor.ca

Crude Name: Suncor Synthetic A (OSA)
Sample Location: Edmonton, AB
Assay Month: May 2006

| Whole Crude | | Naphtha (IBP to 190oC) | |
|----------------------|-------|---------------------------|--------|
| Density (kg/m3): | 860.8 | Density (kg/m3): | 727.2 |
| API gravity (oAPI): | 32.75 | API gravity (oAPI): | 62.92 |
| Sulphur (wt%): | 0.214 | Sulphur (wt%): | 0.004 |
| Nitrogen (mass ppm): | 533.2 | Nitrogen (mass ppm): | |
| | | Mass % recovery: | 19.70 |
| | | Volume % recovery: | 23.34 |
| | | Distillate (190 to 343oC) | |
| | | Density (kg/m3): | 877.1 |
| | | API gravity (oAPI): | 29.68 |
| | | Sulphur (wt%): | 0.091 |
| | | Nitrogen (mass ppm): | 184.1 |
| | | Mass % recovery: | 42.70 |
| | | Volume % recovery: | 41.93 |
| | | Gas Oil (343 to 527oC) | |
| | | Density (kg/m3): | 932.9 |
| | | API gravity (oAPI): | 20.05 |
| | | Sulphur (wt%): | 0.466 |
| | | Nitrogen (mass ppm): | 1246.1 |
| | | Mass % recovery: | 37.60 |
| | | Volume % recovery: | 34.73 |
| | | Residuum (527oC+) | |
| | | Density (kg/m3): | |
| | | API gravity (oAPI): | |
| | | Sulphur (wt%): | |
| | | Nitrogen (mass ppm): | |
| | | Viscosity (cSt at 100oC): | |
| | | Mass % recovery: | |
| | | Volume % recovery: | |

Temperature conversion

| Centigrade | Fahrenheit |
|------------|------------|
| 190 | 375 |
| 343 | 650 |
| 527 | 980 |

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