

Crude Monitor.ca Mini-Assay Program

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Crude Name: Suncor Synthetic A (OSA)

Sample Location: Edmonton, Alberta

Assay Month: August 2007

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	865.1	Density (kg/m3):	717.5
API gravity (oAPI):	31.91	API gravity (oAPI):	65.55
Sulphur (wt%):	0.19	Sulphur (wt%):	0.01
Nitrogen (mass ppm):	669.4	Nitrogen (mass ppm):	
		Mass % recovery:	17.63
		Volume % recovery:	21.23
		Distillate (190 to 343oC)	
		Density (kg/m3):	874.5
		API gravity (oAPI):	30.09
		Sulphur (wt%):	0.06
		Nitrogen (mass ppm):	199.7
		Mass % recovery:	41.59
		Volume % recovery:	41.04
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	933.5
		API gravity (oAPI):	19.95
		Sulphur (wt%):	0.42
		Nitrogen (mass ppm):	1393.0
		Mass % recovery:	40.78
		Volume % recovery:	37.73
		Residuum (527oC+)	
		Density (kg/m3):	
		API gravity (oAPI):	
		Sulphur (wt%):	
		Nitrogen (mass ppm):	
		Viscosity (cSt at 100oC):	
		Mass % recovery:	
		Volume % recovery:	
			None

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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