

Crude Monitor.ca Mini-Assay Program

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Crude Name: Suncor Synthetic H (OSH)
Sample Location: Hardisty, AB
Assay Month: May 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	934.9	Density (kg/m3):	705.3
API gravity (oAPI):	19.72	API gravity (oAPI):	68.95
Sulphur (wt%):	3.033	Sulphur (wt%):	0.108
Nitrogen (mass ppm):	1304.2	Nitrogen (mass ppm):	
		Mass % recovery:	7.92
		Volume % recovery:	10.51
		Distillate (190 to 343oC)	
		Density (kg/m3):	914.5
		API gravity (oAPI):	23.09
		Sulphur (wt%):	2.246
		Nitrogen (mass ppm):	234.8
		Mass % recovery:	17.86
		Volume % recovery:	18.28
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	975.6
		API gravity (oAPI):	13.42
		Sulphur (wt%):	3.510
		Nitrogen (mass ppm):	1639.6
		Mass % recovery:	74.22
		Volume % recovery:	71.21
		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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