

Crude Monitor.ca Mini-Assay Program

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Crude Name: High Sulphur Sour (SHE)
Sample Location: Edmonton, AB
Assay Month: May 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	836.2	Density (kg/m3):	725.8
API gravity (oAPI):	37.58	API gravity (oAPI):	63.30
Sulphur (wt%):	1.360	Sulphur (wt%):	0.074
Nitrogen (mass ppm):	886.0	Nitrogen (mass ppm):	
		Mass % recovery:	34.91
		Volume % recovery:	40.24
		Distillate (190 to 343oC)	
		Density (kg/m3):	843.0
		API gravity (oAPI):	36.21
		Sulphur (wt%):	0.789
		Nitrogen (mass ppm):	66.3
		Mass % recovery:	24.96
		Volume % recovery:	24.78
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	915.8
		API gravity (oAPI):	22.87
		Sulphur (wt%):	1.788
		Nitrogen (mass ppm):	863.2
		Mass % recovery:	19.91
		Volume % recovery:	18.20
		Residuum (527oC+)	
		Density (kg/m3):	1008.5
		API gravity (oAPI):	8.68
		Sulphur (wt%):	4.063
		Nitrogen (mass ppm):	3212.0
		Viscosity (cSt at 100oC):	955
		Mass % recovery:	20.22
		Volume % recovery:	16.78

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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