

Crude Monitor.ca Mini-Assay Program

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Crude Name: Seal Heavy (SH)
Sample Location: Edmonton, AB
Assay Month: August 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	933.9	Density (kg/m3):	719.2
API gravity (oAPI):	19.89	API gravity (oAPI):	65.08
Sulphur (wt%):	4.54	Sulphur (wt%):	0.14
Nitrogen (mass ppm):	1894.9	Nitrogen (mass ppm):	
		Mass % recovery:	17.28
		Volume % recovery:	22.32
		Distillate (190 to 343oC)	
		Density (kg/m3):	881.4
		API gravity (oAPI):	28.89
		Sulphur (wt%):	2.44
		Nitrogen (mass ppm):	45.5
		Mass % recovery:	16.74
		Volume % recovery:	17.63
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	960.0
		API gravity (oAPI):	15.77
		Sulphur (wt%):	4.23
		Nitrogen (mass ppm):	874.2
		Mass % recovery:	20.74
		Volume % recovery:	20.06
		Residuum (527oC+)	
		Density (kg/m3):	1050.9
		API gravity (oAPI):	3.03
		Sulphur (wt%):	7.16
		Nitrogen (mass ppm):	3049.2
		Viscosity (cSt at 100oC):	26,823
		Mass % recovery:	45.24
		Volume % recovery:	39.99

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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