

Crude Monitor.ca Mini-Assay Program

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Crude Name: Mixed Sweet Blend (SW, MSW)

Sample Location: Edmonton, AB

Assay Month: August 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	828.4	Density (kg/m3):	723.9
API gravity (oAPI):	39.17	API gravity (oAPI):	63.81
Sulphur (wt%):	0.45	Sulphur (wt%):	0.03
Nitrogen (mass ppm):	957.6	Nitrogen (mass ppm):	
		Mass % recovery:	34.52
		Volume % recovery:	39.49
		Distillate (190 to 343oC)	
		Density (kg/m3):	838.4
		API gravity (oAPI):	37.13
		Sulphur (wt%):	0.22
		Nitrogen (mass ppm):	47.7
		Mass % recovery:	26.70
		Volume % recovery:	26.37
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	904.2
		API gravity (oAPI):	24.85
		Sulphur (wt%):	0.58
		Nitrogen (mass ppm):	726.8
		Mass % recovery:	23.18
		Volume % recovery:	21.23
		Residuum (527oC+)	
		Density (kg/m3):	1001.2
		API gravity (oAPI):	9.70
		Sulphur (wt%):	1.40
		Nitrogen (mass ppm):	2687.1
		Viscosity (cSt at 100oC):	369
		Mass % recovery:	15.60
		Volume % recovery:	12.91

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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