

Crude Monitor.ca Mini-Assay Program

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Crude Name: Light Sour Blend (LSB)

Sample Location: Cromer, M

Assay Month: August 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	848.1	Density (kg/m3):	732.2
API gravity (oAPI):	35.21	API gravity (oAPI):	61.59
Sulphur (wt%):	1.23	Sulphur (wt%):	0.04
Nitrogen (mass ppm):	1083.8	Nitrogen (mass ppm):	
		Mass % recovery:	29.10
		Volume % recovery:	33.74
		Distillate (190 to 343oC)	
		Density (kg/m3):	843.8
		API gravity (oAPI):	36.05
		Sulphur (wt%):	0.66
		Nitrogen (mass ppm):	62.5
		Mass % recovery:	28.26
		Volume % recovery:	28.44
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	913.0
		API gravity (oAPI):	23.35
		Sulphur (wt%):	1.65
		Nitrogen (mass ppm):	863.1
		Mass % recovery:	24.66
		Volume % recovery:	22.93
		Residuum (527oC+)	
		Density (kg/m3):	1025.3
		API gravity (oAPI):	6.39
		Sulphur (wt%):	3.29
		Nitrogen (mass ppm):	2715.0
		Viscosity (cSt at 100oC):	645
		Mass % recovery:	17.98
		Volume % recovery:	14.89

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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