

Crude Monitor.ca Mini-Assay Program

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Crude Name: Light Sour Blend (LSB)
Sample Location: Cromer, MB
Assay Month: June 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	848.0	Density (kg/m3):	731.7
API gravity (oAPI):	35.23	API gravity (oAPI):	61.73
Sulphur (wt%):	1.260	Sulphur (wt%):	0.044
Nitrogen (mass ppm):	963.3	Nitrogen (mass ppm):	
		Mass % recovery:	28.95
		Volume % recovery:	33.54
		Distillate (190 to 343oC)	
		Density (kg/m3):	844.5
		API gravity (oAPI):	35.92
		Sulphur (wt%):	0.684
		Nitrogen (mass ppm):	51.8
		Mass % recovery:	28.06
		Volume % recovery:	28.18
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	913.2
		API gravity (oAPI):	23.31
		Sulphur (wt%):	1.670
		Nitrogen (mass ppm):	926.5
		Mass % recovery:	24.90
		Volume % recovery:	23.12
		Residuum (527oC+)	
		Density (kg/m3):	1011.3
		API gravity (oAPI):	8.29
		Sulphur (wt%):	3.253
		Nitrogen (mass ppm):	3578.0
		Viscosity (cSt at 100oC):	606
		Mass % recovery:	18.09
		Volume % recovery:	15.16

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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