

Crude Monitor.ca Mini-Assay Program

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Crude Name: Light Sour Blend (LSB)
Sample Location: Cromer
Assay Month: August 2008

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	841.3	Density (kg/m3):	738.3
API gravity (oAPI):	36.55	API gravity (oAPI):	60.00
Sulphur (wt%):	1.091	Sulphur (wt%):	0.030
Nitrogen (mass ppm):	976.3	Nitrogen (mass ppm):	
		Mass % recovery:	29.76
		Volume % recovery:	34.19
		Distillate (190 to 343oC)	
		Density (kg/m3):	842.9
		API gravity (oAPI):	36.23
		Sulphur (wt%):	0.531
		Nitrogen (mass ppm):	33.3
		Mass % recovery:	28.43
		Volume % recovery:	28.62
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	917.7
		API gravity (oAPI):	22.56
		Sulphur (wt%):	1.521
		Nitrogen (mass ppm):	1107.0
		Mass % recovery:	25.79
		Volume % recovery:	23.84
		Residuum (527oC+)	
		Density (kg/m3):	1017.6
		API gravity (oAPI):	7.43
		Sulphur (wt%):	3.192
		Nitrogen (mass ppm):	3977.0
		Viscosity (cSt at 100oC):	587
		Mass % recovery:	16.02
		Volume % recovery:	13.35

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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