

Crude Monitor.ca Mini-Assay Program

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Crude Name: Lloydminster Blend (LLB)
Sample Location: Hardisty, AB
Assay Month: October 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	931.7	Density (kg/m3):	696.8
API gravity (oAPI):	20.24	API gravity (oAPI):	71.40
Sulphur (wt%):	3.54	Sulphur (wt%):	0.08
Nitrogen (mass ppm):	1736.6	Nitrogen (mass ppm):	
		Mass % recovery:	14.72
		Volume % recovery:	19.59
		Distillate (190 to 343oC)	
		Density (kg/m3):	880.9
		API gravity (oAPI):	28.99
		Sulphur (wt%):	1.25
		Nitrogen (mass ppm):	36.9
		Mass % recovery:	16.63
		Volume % recovery:	17.51
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	949.8
		API gravity (oAPI):	17.35
		Sulphur (wt%):	2.83
		Nitrogen (mass ppm):	718.6
		Mass % recovery:	24.04
		Volume % recovery:	23.47
		Residuum (527oC+)	
		Density (kg/m3):	1049.3
		API gravity (oAPI):	3.24
		Sulphur (wt%):	5.78
		Nitrogen (mass ppm):	3454.4
		Viscosity (cSt at 100oC):	43,240
		Mass % recovery:	44.61
		Volume % recovery:	39.43

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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