

Crude Monitor.ca Mini-Assay Program

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Crude Name: Lloyd Blend (LLB)
Sample Location: Hardisty, AB
Assay Month: April 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	926.8	Density (kg/m3):	707.4
API gravity (oAPI):	21.04	API gravity (oAPI):	68.36
Sulphur (wt%):	3.750	Sulphur (wt%):	0.057
Nitrogen (mass ppm):	1684.9	Nitrogen (mass ppm):	
		Mass % recovery:	16.04
		Volume % recovery:	20.97
		Distillate (190 to 343oC)	
		Density (kg/m3):	883.6
		API gravity (oAPI):	28.50
		Sulphur (wt%):	1.320
		Nitrogen (mass ppm):	27.3
		Mass % recovery:	17.11
		Volume % recovery:	17.92
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	950.1
		API gravity (oAPI):	17.31
		Sulphur (wt%):	2.821
		Nitrogen (mass ppm):	785.6
		Mass % recovery:	22.13
		Volume % recovery:	21.56
		Residuum (527oC+)	
		Density (kg/m3):	1046.7
		API gravity (oAPI):	3.57
		Sulphur (wt%):	5.854
		Nitrogen (mass ppm):	4086.7
		Viscosity (cSt at 100oC):	34,770
		Mass % recovery:	44.72
		Volume % recovery:	39.55

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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