

Crude Monitor.ca Mini-Assay Program

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Crude Name: Lloyd Kerrobert (LLK)
Sample Location: Kerrobert, SK
Assay Month: July 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	935.5	Density (kg/m3):	715.0
API gravity (oAPI):	19.63	API gravity (oAPI):	66.24
Sulphur (wt%):	3.15	Sulphur (wt%):	0.09
Nitrogen (mass ppm):	1936.0	Nitrogen (mass ppm):	
		Mass % recovery:	9.30
		Volume % recovery:	12.31
		Distillate (190 to 343oC)	
		Density (kg/m3):	886.8
		API gravity (oAPI):	27.92
		Sulphur (wt%):	1.26
		Nitrogen (mass ppm):	170.3
		Mass % recovery:	18.35
		Volume % recovery:	19.57
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	951.3
		API gravity (oAPI):	17.12
		Sulphur (wt%):	2.62
		Nitrogen (mass ppm):	911.6
		Mass % recovery:	26.29
		Volume % recovery:	26.14
		Residuum (527oC+)	
		Density (kg/m3):	1038.3
		API gravity (oAPI):	4.68
		Sulphur (wt%):	5.03
		Nitrogen (mass ppm):	3876.1
		Viscosity (cSt at 100oC):	24,960
		Mass % recovery:	46.06
		Volume % recovery:	41.98

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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