

## Crude Monitor.ca Mini-Assay Program

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**Crude Name:** Lloyd Kerrobert, LLK

**Sample Location:** Kerrobert

**Assay Month:** Sept 2009

<b>Whole Crude</b>		<b>Naphtha (IBP to 190oC)</b>	
Density (kg/m3):	937.9	Density (kg/m3):	714.4
API gravity (oAPI):	19.24	API gravity (oAPI):	66.40
Sulphur (wt%):	3.461	Sulphur (wt%):	0.076
Nitrogen (mass ppm):	2102.6	Nitrogen (mass ppm):	
		Mass % recovery:	11.87
		Volume % recovery:	15.60
<b>Temperature conversion</b>		<b>Distillate (190 to 343oC)</b>	
Centigrade	Fahrenheit	Density (kg/m3):	884.5
190	375	API gravity (oAPI):	28.33
343	650	Sulphur (wt%):	1.327
527	980	Nitrogen (mass ppm):	19.3
		Mass % recovery:	17.73
		Volume % recovery:	18.82
		<b>Gas Oil (343 to 527oC)</b>	
		Density (kg/m3):	952.3
		API gravity (oAPI):	16.96
		Sulphur (wt%):	2.796
		Nitrogen (mass ppm):	1013.2
		Mass % recovery:	26.91
		Volume % recovery:	26.54
		<b>Residuum (527oC+)</b>	
		Density (kg/m3):	1046.5
		API gravity (oAPI):	3.60
		Sulphur (wt%):	5.518
		Nitrogen (mass ppm):	4067.8
		Viscosity (cSt at 100oC):	22,724
		Mass % recovery:	43.49
		Volume % recovery:	39.04

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