

## Crude Monitor.ca Mini-Assay Program

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**Crude Name:** Lloyd Blend, LLB

**Sample Location:** Hardisty

**Assay Month:** September 2009

<b>Whole Crude</b>		<b>Naphtha (IBP to 190oC)</b>	
Density (kg/m3):	933.4	Density (kg/m3):	696.2
API gravity (oAPI):	19.97	API gravity (oAPI):	71.57
Sulphur (wt%):	3.627	Sulphur (wt%):	0.055
Nitrogen (mass ppm):	2260.8	Nitrogen (mass ppm):	
		Mass % recovery:	14.37
		Volume % recovery:	19.17
		<b>Distillate (190 to 343oC)</b>	
		Density (kg/m3):	882.7
		API gravity (oAPI):	28.66
		Sulphur (wt%):	1.300
		Nitrogen (mass ppm):	26.40
		Mass % recovery:	16.51
		Volume % recovery:	17.37
		<b>Gas Oil (343 to 527oC)</b>	
		Density (kg/m3):	952.1
		API gravity (oAPI):	16.99
		Sulphur (wt%):	2.926
		Nitrogen (mass ppm):	1036.8
		Mass % recovery:	25.15
		Volume % recovery:	24.53
		<b>Residuum (527oC+)</b>	
		Density (kg/m3):	1049.2
		API gravity (oAPI):	3.25
		Sulphur (wt%):	5.860
		Nitrogen (mass ppm):	4708.1
		Viscosity (cSt at 100oC):	37,492
		Mass % recovery:	43.97
		Volume % recovery:	38.93

### Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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