

## Crude Monitor.ca Mini-Assay Program

[www.crudemonitor.ca](http://www.crudemonitor.ca)

**Crude Name:** Cold Lake (CL)

**Sample Location:** Hardisty, AB

**Assay Month:** November 2008

Whole Crude	
Density (kg/m3):	927.8
API gravity (oAPI):	20.88
Sulphur (wt%):	3.878
Nitrogen (mass ppm):	2905.6

### Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

### Naphtha (IBP to 190oC)

Density (kg/m3):	691.9
API gravity (oAPI):	72.83
Sulphur (wt%):	0.082
Nitrogen (mass ppm):	
Mass % recovery:	13.84
Volume % recovery:	18.97

### Distillate (190 to 343oC)

Density (kg/m3):	875.3
API gravity (oAPI):	30.01
Sulphur (wt%):	1.409
Nitrogen (mass ppm):	43.7
Mass % recovery:	8.72
Volume % recovery:	9.45

### Gas Oil (343 to 527oC)

Density (kg/m3):	953.0
API gravity (oAPI):	16.85
Sulphur (wt%):	3.161
Nitrogen (mass ppm):	1010.0
Mass % recovery:	21.41
Volume % recovery:	21.31

### Residuum (527oC+)

Density (kg/m3):	1057.3
API gravity (oAPI):	2.22
Sulphur (wt%):	5.970
Nitrogen (mass ppm):	4929.9
Viscosity (cSt at 100oC):	58,762.0
Mass % recovery:	56.03
Volume % recovery:	50.27

All data on this page are subject to the general terms and conditions found on [www.crudemonitor.ca](http://www.crudemonitor.ca)  
Reproduction and/or use of these data are only permitted under the stated conditions.