

## Crude Monitor.ca Mini-Assay Program

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

**Crude Name:** Western Canadian Select (WCS)

**Sample Location:** Hardisty, AB

**Assay Month:** December 2008

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	925.9	Density (kg/m3):	696.2
API gravity (oAPI):	21.19	API gravity (oAPI):	71.57
Sulphur (wt%):	3.46	Sulphur (wt%):	0.062
Nitrogen (mass ppm):	1730.0	Nitrogen (mass ppm):	
		Mass % recovery:	16.42
		Volume % recovery:	21.73
		Distillate (190 to 343oC)	
		Density (kg/m3):	879.5
		API gravity (oAPI):	29.24
		Sulphur (wt%):	1.206
		Nitrogen (mass ppm):	27.6
		Mass % recovery:	15.22
		Volume % recovery:	15.95
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	951.2
		API gravity (oAPI):	17.13
		Sulphur (wt%):	2.80
		Nitrogen (mass ppm):	827.8
		Mass % recovery:	26.50
		Volume % recovery:	25.67
		Residuum (527oC+)	
		Density (kg/m3):	1052.6
		API gravity (oAPI):	2.81
		Sulphur (wt%):	6.234
		Nitrogen (mass ppm):	3456.9
		Viscosity (cSt at 100oC):	32,185
		Mass % recovery:	41.86
		Volume % recovery:	36.65

### Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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.