

## 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:** June 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	932.8	Density (kg/m3):	698.7
API gravity (oAPI):	20.06	API gravity (oAPI):	70.85
Sulphur (wt%):	3.330	Sulphur (wt%):	0.075
Nitrogen (mass ppm):	1874.0	Nitrogen (mass ppm):	
		Mass % recovery:	12.81
		Volume % recovery:	17.03
		Distillate (190 to 343oC)	
		Density (kg/m3):	878.8
		API gravity (oAPI):	29.37
		Sulphur (wt%):	1.121
		Nitrogen (mass ppm):	50.8
		Mass % recovery:	18.50
		Volume % recovery:	19.56
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	949.3
		API gravity (oAPI):	17.43
		Sulphur (wt%):	2.588
		Nitrogen (mass ppm):	1004.4
		Mass % recovery:	25.89
		Volume % recovery:	25.33
		Residuum (527oC+)	
		Density (kg/m3):	1043.6
		API gravity (oAPI):	3.97
		Sulphur (wt%):	5.021
		Nitrogen (mass ppm):	3859.0
		Viscosity (cSt at 100oC):	21,607
		Mass % recovery:	42.80
		Volume % recovery:	38.08

### 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.