

## Crude Monitor.ca Mini-Assay Program

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**Crude Name:** Wabasca Heavy (WH)  
**Sample Location:** Edmonton, AB  
**Assay Month:** July 2008

Whole Crude	
Density (kg/m3):	928.3
API gravity (oAPI):	20.80
Sulphur (wt%):	4.07
Nitrogen (mass ppm):	2200.0

Temperature conversion	
Centigrade	Fahrenheit
190	375
343	650
527	980

### Naphtha (IBP to 190oC)

Density (kg/m3):	713.1
API gravity (oAPI):	66.76
Sulphur (wt%):	0.094
Nitrogen (mass ppm):	
Mass % recovery:	15.75
Volume % recovery:	20.38

### Distillate (190 to 343oC)

Density (kg/m3):	877.3
API gravity (oAPI):	29.64
Sulphur (wt%):	1.960
Nitrogen (mass ppm):	29.3
Mass % recovery:	18.57
Volume % recovery:	19.54

### Gas Oil (343 to 527oC)

Density (kg/m3):	956.0
API gravity (oAPI):	16.39
Sulphur (wt%):	3.890
Nitrogen (mass ppm):	1413.0
Mass % recovery:	25.66
Volume % recovery:	24.78

### Residuum (527oC+)

Density (kg/m3):	1046.0
API gravity (oAPI):	3.66
Sulphur (wt%):	6.540
Nitrogen (mass ppm):	4683.0
Viscosity (cSt at 100oC):	15,150
Mass % recovery:	40.02
Volume % recovery:	35.30

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