

Crude Monitor.ca Mini-Assay Program

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Crude Name: Wabasca Heavy (WH)
Sample Location: Edmonton, AB
Assay Month: April 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	928.7	Density (kg/m3):	714.2
API gravity (oAPI):	20.73	API gravity (oAPI):	66.46
Sulphur (wt%):	4.215	Sulphur (wt%):	0.123
Nitrogen (mass ppm):	1872.1	Nitrogen (mass ppm):	
		Mass % recovery:	16.48
		Volume % recovery:	21.33
		Distillate (190 to 343oC)	
		Density (kg/m3):	882.6
		API gravity (oAPI):	28.68
		Sulphur (wt%):	2.166
		Nitrogen (mass ppm):	62.3
		Mass % recovery:	18.80
		Volume % recovery:	19.68
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	959.7
		API gravity (oAPI):	15.82
		Sulphur (wt%):	3.951
		Nitrogen (mass ppm):	1311.1
		Mass % recovery:	21.29
		Volume % recovery:	20.50
		Residuum (527oC+)	
		Density (kg/m3):	1042.9
		API gravity (oAPI):	4.06
		Sulphur (wt%):	6.640
		Nitrogen (mass ppm):	3809.1
		Viscosity (cSt at 100oC):	1,942
		Mass % recovery:	43.43
		Volume % recovery:	38.49

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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