

Crude Monitor.ca Mini-Assay Program

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Crude Name: Bow River North (BR, BRN)
Sample Location: Hardisty, AB
Assay Month: August 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	929.0	Density (kg/m3):	708.1
API gravity (oAPI):	20.68	API gravity (oAPI):	68.16
Sulphur (wt%):	2.85	Sulphur (wt%):	0.07
Nitrogen (mass ppm):	1775.7	Nitrogen (mass ppm):	
		Mass % recovery:	12.47
		Volume % recovery:	16.29
		Distillate (190 to 343oC)	
		Density (kg/m3):	880.0
		API gravity (oAPI):	29.15
		Sulphur (wt%):	1.23
		Nitrogen (mass ppm):	42.1
		Mass % recovery:	20.30
		Volume % recovery:	21.34
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	945.9
		API gravity (oAPI):	17.97
		Sulphur (wt%):	2.49
		Nitrogen (mass ppm):	787.3
		Mass % recovery:	25.71
		Volume % recovery:	25.15
		Residuum (527oC+)	
		Density (kg/m3):	1032.4
		API gravity (oAPI):	5.44
		Sulphur (wt%):	4.62
		Nitrogen (mass ppm):	3407.8
		Viscosity (cSt at 100oC):	10,091
		Mass % recovery:	41.52
		Volume % recovery:	37.22

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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