

Crude Monitor.ca Mini-Assay Program

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Crude Name: Access Western Blend, AWB
Sample Location: Edmonton
Assay Month: December 2009

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	919.3	Density (kg/m3):	692.5
API gravity (oAPI):	22.29	API gravity (oAPI):	72.66
Sulphur (wt%):	3.964	Sulphur (wt%):	0.033
Nitrogen (mass ppm):	2700.3	Nitrogen (mass ppm):	
		Mass % recovery:	21.91
		Volume % recovery:	28.93
		Distillate (190 to 343oC)	
		Density (kg/m3):	882.8
		API gravity (oAPI):	28.64
		Sulphur (wt%):	1.491
		Nitrogen (mass ppm):	40.5
		Mass % recovery:	10.11
		Volume % recovery:	10.47
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	966.1
		API gravity (oAPI):	14.84
		Sulphur (wt%):	3.542
		Nitrogen (mass ppm):	1419.8
		Mass % recovery:	24.15
		Volume % recovery:	22.85
		Residuum (527oC+)	
		Density (kg/m3):	1061.6
		API gravity (oAPI):	1.68
		Sulphur (wt%):	6.478
		Nitrogen (mass ppm):	5103.3
		Viscosity (cSt at 100oC):	100,920
		Mass % recovery:	43.83
		Volume % recovery:	37.75

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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