

Crude Monitor.ca Mini-Assay Program

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Crude Name: Mixed Sweet Blend (MSW, SW)
Sample Location: Edmonton, AB
Assay Month: February 2008

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	827.5	Density (kg/m3):	723.8
API gravity (oAPI):	39.35	API gravity (oAPI):	63.83
Sulphur (wt%):	0.47	Sulphur (wt%):	0.03
Nitrogen (mass ppm):	872.3	Nitrogen (mass ppm):	
		Mass % recovery:	42.05
		Volume % recovery:	47.43
		Distillate (190 to 343oC)	
		Density (kg/m3):	837.7
		API gravity (oAPI):	37.27
		Sulphur (wt%):	0.25
		Nitrogen (mass ppm):	35.6
		Mass % recovery:	18.44
		Volume % recovery:	17.98
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	903.1
		API gravity (oAPI):	25.04
		Sulphur (wt%):	0.63
		Nitrogen (mass ppm):	995.3
		Mass % recovery:	24.36
		Volume % recovery:	22.02
		Residuum (527oC+)	
		Density (kg/m3):	984.4
		API gravity (oAPI):	12.11
		Sulphur (wt%):	1.61
		Nitrogen (mass ppm):	4099.2
		Viscosity (cSt at 100oC):	315
		Mass % recovery:	15.15
		Volume % recovery:	12.57

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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