

Crude Monitor.ca Mini-Assay Program

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Crude Name: Mixed Sweet Blend (MSW)

Sample Location: Edmonton, AB

Assay Month: April 2009

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	823.2	Density (kg/m3):	720.9
API gravity (oAPI):	40.24	API gravity (oAPI):	64.62
Sulphur (wt%):	0.429	Sulphur (wt%):	0.029
Nitrogen (mass ppm):	700.0	Nitrogen (mass ppm):	
		Mass % recovery:	34.78
		Volume % recovery:	39.68
		Distillate (190 to 343oC)	
		Density (kg/m3):	838.3
		API gravity (oAPI):	37.15
		Sulphur (wt%):	0.236
		Nitrogen (mass ppm):	32.0
		Mass % recovery:	27.15
		Volume % recovery:	26.64
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	902.5
		API gravity (oAPI):	25.15
		Sulphur (wt%):	0.604
		Nitrogen (mass ppm):	765.5
		Mass % recovery:	24.61
		Volume % recovery:	22.42
		Residuum (527oC+)	
		Density (kg/m3):	982.8
		API gravity (oAPI):	12.34
		Sulphur (wt%):	1.389
		Nitrogen (mass ppm):	3454.1
		Viscosity (cSt at 100oC):	377
		Mass % recovery:	13.46
		Volume % recovery:	11.26

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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