

Crude Monitor.ca Mini-Assay Program

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Crude Name: Mixed Sweet Blend (SW, MSW)

Sample Location: Edmonton, AB

Assay Month: April 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	830.5	Density (kg/m3):	736.8
API gravity (oAPI):	38.74	API gravity (oAPI):	60.39
Sulphur (wt%):	0.448	Sulphur (wt%):	0.033
Nitrogen (mass ppm):	584.8	Nitrogen (mass ppm):	
		Mass % recovery:	33.32
		Volume % recovery:	37.70
		Distillate (190 to 343oC)	
		Density (kg/m3):	837.1
		API gravity (oAPI):	37.39
		Sulphur (wt%):	0.230
		Nitrogen (mass ppm):	22.9
		Mass % recovery:	27.14
		Volume % recovery:	27.04
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	905.7
		API gravity (oAPI):	24.59
		Sulphur (wt%):	0.567
		Nitrogen (mass ppm):	613.3
		Mass % recovery:	24.99
		Volume % recovery:	23.00
		Residuum (527oC+)	
		Density (kg/m3):	990.3
		API gravity (oAPI):	11.26
		Sulphur (wt%):	1.422
		Nitrogen (mass ppm):	3305.3
		Viscosity (cSt at 100oC):	302
		Mass % recovery:	14.55
		Volume % recovery:	12.26

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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