

Crude Monitor.ca Mini-Assay Program

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Crude Name: Suncor Synthetic A (OSA)

Sample Location: Edmonton, AB

Assay Month: February 2009

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	856.3	Density (kg/m3):	725.2
API gravity (oAPI):	33.61	API gravity (oAPI):	63.46
Sulphur (wt%):	0.178	Sulphur (wt%):	0.001
Nitrogen (mass ppm):	701.4	Nitrogen (mass ppm):	
		Mass % recovery:	22.93
		Volume % recovery:	27.02
		Distillate (190 to 343oC)	
		Density (kg/m3):	871.0
		API gravity (oAPI):	30.81
		Sulphur (wt%):	0.051
		Nitrogen (mass ppm):	217.6
		Mass % recovery:	37.34
		Volume % recovery:	36.64
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	934.2
		API gravity (oAPI):	19.84
		Sulphur (wt%):	0.425
		Nitrogen (mass ppm):	1469.2
		Mass % recovery:	39.73
		Volume % recovery:	36.34
		Residuum (527oC+)	
		Density (kg/m3):	
		API gravity (oAPI):	
		Sulphur (wt%):	
		Nitrogen (mass ppm):	
		Viscosity (cSt at 100oC):	
		Mass % recovery:	
		Volume % recovery:	

Temperature conversion

Centigrade	Fahrenheit
190	375
343	650
527	980

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