

Crude Monitor.ca Mini-Assay Program

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Crude Name: Syncrude Synthetic (SYN)
Sample Location: Edmonton, AB
Assay Month: February 2008

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	862.4	Density (kg/m3):	727.1
API gravity (oAPI):	32.42	API gravity (oAPI):	62.95
Sulphur (wt%):	0.20	Sulphur (wt%):	0.002
Nitrogen (mass ppm):	679.2	Nitrogen (mass ppm):	
		Mass % recovery:	20.83
		Volume % recovery:	24.66
		Distillate (190 to 343oC)	
		Density (kg/m3):	871.2
		API gravity (oAPI):	30.77
		Sulphur (wt%):	0.041
		Nitrogen (mass ppm):	125.9
		Mass % recovery:	37.07
		Volume % recovery:	36.63
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	936.7
		API gravity (oAPI):	19.43
		Sulphur (wt%):	0.44
		Nitrogen (mass ppm):	1172.7
		Mass % recovery:	42.10
		Volume % recovery:	38.71
		Residuum (527oC+)	
		Density (kg/m3):	N/A
		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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