

## Crude Monitor.ca Mini-Assay Program

[www.crudemonitor.ca](http://www.crudemonitor.ca)

**Crude Name:** Syncrude Synthetic (SYN, SSB)

**Sample Location:** Edmonton, AB

**Assay Month:** August 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	872.2	Density (kg/m3):	732.0
API gravity (oAPI):	30.58	API gravity (oAPI):	61.65
Sulphur (wt%):	0.11	Sulphur (wt%):	0.01
Nitrogen (mass ppm):	525.7	Nitrogen (mass ppm):	
		Mass % recovery:	16.55
		Volume % recovery:	19.64
		Distillate (190 to 343oC)	
		Density (kg/m3):	872.1
		API gravity (oAPI):	30.60
		Sulphur (wt%):	0.03
		Nitrogen (mass ppm):	84.1
		Mass % recovery:	40.88
		Volume % recovery:	40.72
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	932.5
		API gravity (oAPI):	20.11
		Sulphur (wt%):	0.24
		Nitrogen (mass ppm):	976.0
		Mass % recovery:	42.57
		Volume % recovery:	39.64
		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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