

## Crude Monitor.ca Mini-Assay Program

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

**Sample Location:** Edmonton, AB

**Assay Month:** April 2006

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	870.5	Density (kg/m3):	734.4
API gravity (oAPI):	30.90	API gravity (oAPI):	61.02
Sulphur (wt%):	0.104	Sulphur (wt%):	0.002
Nitrogen (mass ppm):	584.8	Nitrogen (mass ppm):	
		Mass % recovery:	17.33
		Volume % recovery:	20.53
		Distillate (190 to 343oC)	
		Density (kg/m3):	874.1
		API gravity (oAPI):	30.23
		Sulphur (wt%):	0.021
		Nitrogen (mass ppm):	83.4
		Mass % recovery:	37.85
		Volume % recovery:	37.67
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	933.0
		API gravity (oAPI):	20.03
		Sulphur (wt%):	0.216
		Nitrogen (mass ppm):	1126.4
		Mass % recovery:	44.82
		Volume % recovery:	41.80
		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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