

## Crude Monitor.ca Mini-Assay Program

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**Crude Name:** Suncor Synthetic H, OSH  
**Sample Location:** Hardisty, AB  
**Assay Month:** May 2009

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	936.1	Density (kg/m3):	717.5
API gravity (oAPI):	19.53	API gravity (oAPI):	65.55
Sulphur (wt%):	3.079	Sulphur (wt%):	0.060
Nitrogen (mass ppm):	1241.4	Nitrogen (mass ppm):	
		Mass % recovery:	4.71
		Volume % recovery:	6.21
		Distillate (190 to 343oC)	
		Density (kg/m3):	908.5
		API gravity (oAPI):	24.11
		Sulphur (wt%):	2.078
		Nitrogen (mass ppm):	207.6
		Mass % recovery:	19.46
		Volume % recovery:	20.25
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	974.8
		API gravity (oAPI):	13.54
		Sulphur (wt%):	3.621
		Nitrogen (mass ppm):	1583.9
		Mass % recovery:	75.83
		Volume % recovery:	73.54
		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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