

Crude Monitor.ca Mini-Assay Program

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Crude Name: Husky Synthetic Blend (HSB)

Sample Location: Hardisty, AB

Assay Month: January 2009

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	865.1	Density (kg/m3):	712.2
API gravity (oAPI):	31.91	API gravity (oAPI):	67.01
Sulphur (wt%):	0.11	Sulphur (wt%):	0.05
Nitrogen (mass ppm):	409.3	Nitrogen (mass ppm):	
		Mass % recovery:	12.85
		Volume % recovery:	15.59
		Distillate (190 to 343oC)	
		Density (kg/m3):	870.2
		API gravity (oAPI):	30.96
		Sulphur (wt%):	0.03
		Nitrogen (mass ppm):	61.5
		Mass % recovery:	40.47
		Volume % recovery:	40.20
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	912.6
		API gravity (oAPI):	23.42
		Sulphur (wt%):	0.19
		Nitrogen (mass ppm):	778.1
		Mass % recovery:	46.68
		Volume % recovery:	44.21
		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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