

Crude Monitor.ca Mini-Assay Program

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Crude Name: Husky Synthetic Blend (HSB)

Sample Location: Hardisty, AB

Assay Month: November 2008

Whole Crude		Naphtha (IBP to 190oC)	
Density (kg/m3):	863.0	Density (kg/m3):	704.9
API gravity (oAPI):	32.31	API gravity (oAPI):	69.07
Sulphur (wt%):	0.113	Sulphur (wt%):	0.048
Nitrogen (mass ppm):	475.9	Nitrogen (mass ppm):	
		Mass % recovery:	13.98
		Volume % recovery:	17.09
		Distillate (190 to 343oC)	
		Density (kg/m3):	870.3
		API gravity (oAPI):	30.94
		Sulphur (wt%):	0.027
		Nitrogen (mass ppm):	82.5
		Mass % recovery:	37.91
		Volume % recovery:	37.53
		Gas Oil (343 to 527oC)	
		Density (kg/m3):	913.3
		API gravity (oAPI):	23.30
		Sulphur (wt%):	0.205
		Nitrogen (mass ppm):	919.9
		Mass % recovery:	48.11
		Volume % recovery:	45.38
		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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