

## Crude Monitor.ca Mini-Assay Program

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**Crude Name:** Albian Heavy Synthetic (AHS)

**Sample Location:** Edmonton, AB

**Assay Month:** July 2006

<b>Whole Crude</b>		<b>Naphtha (IBP to 190oC)</b>	
Density (kg/m3):	938.7	Density (kg/m3):	721.7
API gravity (oAPI):	19.11	API gravity (oAPI):	64.40
Sulphur (wt%):	2.68	Sulphur (wt%):	0.05
Nitrogen (mass ppm):	2556.7	Nitrogen (mass ppm):	
		Mass % recovery:	12.33
		Volume % recovery:	16.00
<b>Temperature conversion</b>		<b>Distillate (190 to 343oC)</b>	
Centigrade	Fahrenheit	Density (kg/m3):	878.8
190	375	API gravity (oAPI):	29.37
343	650	Sulphur (wt%):	1.03
527	980	Nitrogen (mass ppm):	246.0
		Mass % recovery:	17.22
		Volume % recovery:	18.37
		<b>Gas Oil (343 to 527oC)</b>	
		Density (kg/m3):	949.8
		API gravity (oAPI):	17.35
		Sulphur (wt%):	1.74
		Nitrogen (mass ppm):	1795.1
		Mass % recovery:	24.41
		Volume % recovery:	24.08
		<b>Residuum (527oC+)</b>	
		Density (kg/m3):	1038.7
		API gravity (oAPI):	4.61
		Sulphur (wt%):	4.41
		Nitrogen (mass ppm):	5021.7
		Viscosity (cSt at 100oC):	2,769
		Mass % recovery:	46.04
		Volume % recovery:	41.55

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