

Responding to a Crude Oil or Related Product **Release**

REFERENCE **SHEET** MATERIAL CHARACTERISTICS

Crude Oil and Related Product

Crude Oil Products

Heavy Sour*
Light Sour*
Light Sweet

Bitumen*

Diluted Bitumen (Dilbit)*
Syncrude

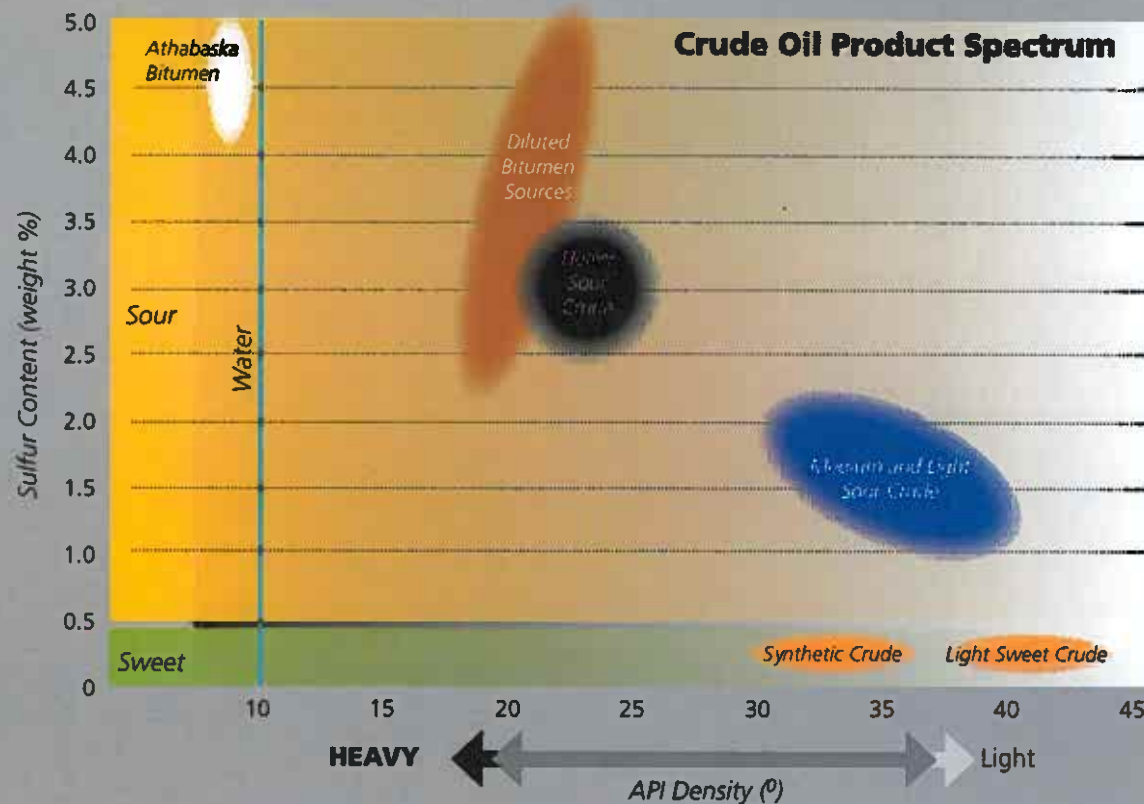
Diluent

Gas Condensate

*Significant H_2S potential

Comparative Viscosity at 15° C

Liquid	Viscosity (cSt)
Water	1
Diesel Fuel	2 to 6
Light Crude and Syncrude	4 to 15
Light Machine Oil or Olive Oil	100
Dilbit	200
Heavy Crude Oil	220
Glycerin or Castor Oil	1,000
Honey	10,000
Molasses	100,000
Sucrose (cane sugar)	1,000,000
Athabasca Bitumen	>2,000,000



Crude Characteristics Example Heavy, Sour Crude Oil

Parameter	Value
API Density	16.9°
Sulfur Content	4.07 wt %
Flash Point	< -5° C
Viscosity at 20° C	1,208 cSt
Pour Point	-12° C