

8) CRUDE OIL Product Description:

CRUDE OIL: is a mixture of comparatively volatile liquid hydrocarbons (compounds composed mainly of hydrogen and carbon, though it also contains some nitrogen, sulfur, and oxygen. Those elements form a large variety of complex molecular structures, some of which cannot be readily identified. Regardless of variations, however, almost all crude oil ranges from 82 to 87 percent carbon by weight and 12 to 15 percent hydrogen by weight. The two most important properties determining a crude's value are its density (measured as API specific gravity) and its sulfur content (measured per mass).

Specification Crude Oil

WTI Crude Oil

- Sulfur: 0.42% or less by weight.
- API: Between 37 and 42° on the API scale.
- BSW (sediment, water and other impurities): Less than 1%.
- Pour Point: No greater than 50° F.

Lite Crude Oil

- With an API gravity greater than 31.1 degrees.
- Sulfur: Less than 0.50% to 0.00% by weight.

Medium Crude Oil

- With an API gravity between 22.3 degrees and 31.1 degrees.
- Sulfur: Less than 1.00% to 0.50% by weight.

Heavy Crude Oil

- With an API gravity between 10.0 degrees and 22.3 degrees.
- Sulfur: Less than 2.00% to 1.00% by weight.

Packing: Barrels-Drums

MOQ: 50,000 Barrels-Drums

Supply Ability: 750,000 Barrels-Drums

Crude Oil Technical Specifications

NO.	Grade	API	Sulfur Contents
1	Lite Crude Oil	32.2	0.25
2	Lite Crude Oil	32.3	0.88
3	Medium Crude Oil	26.2	2.69
4	Medium Crude Oil	28.2	2.30
5	Heavy Crude Oil	15.7	1.17
6	Heavy Crude Oil	16.3	2.94
7	WTI Crude Oil	38.2	0.09
8	WTI Crude	39.0	0.33