



## LIGHT CRUDE OIL

**TABLE 1: CRUDE OIL GENERAL PROPERTIES ANALYSIS**

CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity @15.56/15.56°C	...	0.8568	ASTM D 5002
API Gravity	° API	33.6	ASTM D 5002
Sulfur Content (Total)	wt.%	1.46	ASTM D 4294
H <sub>2</sub> S Content	ppm	86	IP 570
Mercaptan Content	ppm	60	UOP 163
Nitrogen Content (Total)	wt.%	0.13	ASTM D 5762
Water & Sediment	vol.%	<0.05	ASTM D 4007
Water Content	vol.%	<0.025	ASTM D 4006
Salt Content	PTB	7	ASTM D 3230
Kinematic Viscosity @ 10°C	mm <sup>2</sup> /s	19.50	ASTM D 445
Kinematic Viscosity @ 20°C	mm <sup>2</sup> /s	10.88	
Kinematic Viscosity @ 40°C	mm <sup>2</sup> /s	6.319	
Pure point (Upper)	°C	-12	ASTM D 5853
Reid Vapor Pressure	psi	8.95	ASTM D 323
Asphaltene Content	wt.%	1.6	IIP 143
Wax Content	wt.%	4.8	BP 237
Drop Melting Point of Wax	°C	57	IP 133
Conradson Carbon Residue	wt.%	4.50	ASTM D 189
Total Acid Number	Mg	0.12	UOP 565
Nickel Content	KOH/g mg/kg	11	ASTM D 5863
Vanadium Content	mg/kg	40	
Iron Content	mg/kg	<1	
Lead Content	mg/kg	<1	
Sodium Content	mg/kg	8	
Zinc Content	mg/kg	<1	
Copper Content	mg/kg	<1	