



Crude Oil General Properties Analysis (Light Crude Oil)

Characteristics	Units	Result	Test Method
Specific Gravity @ 15.56 /15.56 °C	-	0.8575	ASTM D5002
API Gravity	°API	33.5	ASTM D5002
Sulfur Content (Total)	wt.%	1.45	ASTM D4294
H ₂ S Content	ppm	61	IP 570
Mercaptan Content	ppm	118	UOP 163
Nitrogen Content (Total)	wt.%	0.18	ASTM D 5762
Water & Sediment	Vol.%	< 0.05	ASTM D4007
Water Content	Vol.%	< 0.025	ASTM D4006
Salt Content	PTB	9	ASTM D3230
Kinematic Viscosity@10 °C	mm ₂ /s	16.51	ASTM D445
Kinematic Viscosity@20 °C	mm ₂ /s	10.78	ASTM D445
Kinematic Viscosity@40 °C	mm ₂ /s	5.73	ASTM D445
Pour Point (Upper)	°C	-9	ASTM D5853
Reid Vapor Pressure	Psi	8.15	ASTM D323
Asphaltene Content	wt.%	1.3	IP 143
Wax Content	wt.%	6.2	BP 237
Drop Melting Point of Wax	°C	54	IP 133
Conradson Carbon Residue	wt.%	4.24	ASTM D189
Total Acid Number	mg KOH/g	0.10	UOP 565
Nickel Content	mg KOH/g	8	ASTM D5863
Vanadium Content	mg/kg	41	ASTM D5863
Iron Content	mg/kg	1	ASTM D5863
Lead Content	mg/kg	<1	ASTM D5863
Sodium Content	mg/kg	7	ASTM D5863
Zinc Content	mg/kg	<1	ASTM D5863
Copper Content	mg/kg	<1	ASTM D5863