



General Properties Analysis (Heavy Crude Oil)

Characteristics	Units	Result	Test Method
Specific Gravity @ 15.56 /15.56 °C	-	0.8750	ASTM D5002
API Gravity	°API	30.20	ASTM D5002
Sulfur Content (Total)	wt.%	1.91	ASTM D4294
H ₂ S Content	ppm	121	IP 570
Mercaptan Content	ppm	185	UOP 163
Nitrogen Content (Total)	wt.%	0.23	ASTM D 5762
Water & Sediment	Vol.%	< 0.05	ASTM D4007
Water Content	Vol.%	< 0.025	ASTM D4006
Salt Content	PTB	10	ASTM D3230
Kinematic Viscosity@10 °C	mm ₂ /s	29.07	ASTM D445
Kinematic Viscosity@20 °C	mm ₂ /s	18.40	ASTM D445
Kinematic Viscosity@40 °C	mm ₂ /s	9.218	ASTM D445
Pour Point (Upper)	°C	-12	ASTM D5853
Reid Vapor Pressure	Psi	6.25	ASTM D323
Asphaltene Content	wt.%	3.4	IP 143
Wax Content	wt.%	5.7	BP 237
Drop Melting Point of Wax	°C	55	IP 133
Conradson Carbon Residue	wt.%	6.20	ASTM D189
Total Acid Number	mg KOH/g	0.15	UOP 565
Nickel Content	mg/kg	14	ASTM D5863
Vanadium Content	mg/kg	73	ASTM D5863
Iron Content	mg/kg	1	ASTM D5863
Lead Content	mg/kg	<1	ASTM D5863
Sodium Content	mg/kg	5	ASTM D5863
Zinc Content	mg/kg	<1	ASTM D5863
Copper Content	mg/kg	<1	ASTM D5863