

TGA & CO Professional Business & Technological Consultancy
 TYPE 3 CRUDE OIL SPECIFICATIONS



CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity @ 15.67/15	---	0.9340	ASTM D5002
API Gravity	*API	20.0	ASTM D5002
Sulfur Content (Total)	wt.%	3.08	ASTM D4294
H ₂ S Content	ppm	<1	IP 570
Mercaptan Content	ppm	178	UOP 163
Nitrogen Content(Total)	wt.%	0.24	ASTM D 5762
Water & Sediment	Vol.%	1.05	ASTM D4007
Water Content	Vol.%	1.00	ASTM D4006
Salt Content	PTB	75	ASTM D3230
Kinematic Viscosity@ 10°C	MM ² /S	286.3	ASTM D445
Kinematic Viscosity @ 20°C	MM ² /S	147.6	
Kinematic Viscosity @ 40°C	MM ² /S	51.02	
Pour Point (Upper)	°C	-45	ASTM D5853
Reid Vapor Pressure	psi	3.35	ASTM D323
Asphaltene Content	wt.%	1.0	IP 143
Wax Content	wt.%	1.1	BP 237
Drop Melting Point of Wax	°C	60	IP 133
Conradson Carbon Residue	wt.%	7.1	ASTM D189
Total Acid Number	Mg KOH/g	0.90	UOP 565
Nickel Content	mg/kg	10	ASTM D5863
Vanadium Content	mg/kg	31	
Iron Content	mg/kg	3	
Lead Content	mg/kg	<1	
Sodium Content	mg/kg	<1	