

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



CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity @ 15.67/15	---	0.8738	ASTM D5002
API Gravity	*API	30.4	ASTM D5002
Sulfur Content (Total)	wt. %	2.21	ASTM D4294
H <sub>2</sub> S Content	ppm	51	IP 570
Mercaptan Content	ppm	79	UOP 163
Nitrogen Content(Total)	wt. %	0.13	ASTM D 5762
Water & Sediment	Vol. %	0.15	ASTM D4007
Water Content	Vol. %	0.1	ASTM D4006
Salt Content	PTB	22	ASTM D3230
Kinematic Viscosity@ 10°C	MM <sup>2</sup> /S	24.10	ASTM D445
Kinematic Viscosity @ 20°C	MM <sup>2</sup> /S	16.47	
Kinematic Viscosity @ 40°C	MM <sup>2</sup> /S	6.159	
Pour Point (Upper)	°C	-21	ASTM D5853
Reid Vapor Pressure	psi	5.30	ASTM D323
Asphaltene Content	wt. %	3.0	IP 143
Wax Content	wt. %	5.3	BP 237
Drop Melting Point of Wax	°C	57	IP 133
Conradson Carbon Residue	wt. %	6.00	ASTM D189
Total Acid Number	Mg KOH/g	0.42	UOP 565
Nickel Content	mg/kg	12	ASTM D5863
Vanadium Content	mg/kg	36	
Iron Content	mg/kg	1	
Lead Content	mg/kg	<1	
Sodium Content	mg/kg	50	
Zinc Content	mg/kg	<1	
Copper Content	mg/kg	<1	