

TGA & CO Professional Business & Technological Consultancy
 TYPE 2 CRUDE OIL SPECIFICATIONS



CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity @ 15.67/15	---	0.8604	ASTM D5002
API Gravity	*API	33.0	ASTM D5002
Sulfur Content (Total)	wt. %	1.83	ASTM D4294
H ₂ S Content	ppm	17	IP 570
Mercaptan Content	ppm	18	UOP 163
Nitrogen Content(Total)	wt. %	0.13	ASTM D 5762
Water & Sediment	Vol. %	<0.05	ASTM D4007
Water Content	Vol. %	<0.025	ASTM D4006
Salt Content	PTB	7	ASTM D3230
Kinematic Viscosity@ 10°C	MM ² /S	13.33	ASTM D445
Kinematic Viscosity @ 20°C	MM ² /S	8.95	
Kinematic Viscosity @ 40°C	MM ² /S	5.219	
Pour Point (Upper)	°C	-9	ASTM D5853
Reid Vapor Pressure	psi	9.10	ASTM D323
Asphaltene Content	wt. %	1.2	IP 143
Wax Content	wt. %	3.8	BP 237
Drop Melting Point of Wax	°C	60	IP 133
Conradson Carbon Residue	wt. %	3.80	ASTM D189
Total Acid Number	Mg KOH/g	0.05	UOP 565
Nickel Content	mg/kg	9	ASTM D5863
Vanadium Content	mg/kg	33	
Iron Content	mg/kg	<1	
Lead Content	mg/kg	<1	
Sodium Content	mg/kg	20	
Zinc Content	mg/kg	<1	
Copper Content	mg/kg	<1	