

TGA & CO Professional Business & Technological Consultancy
TYPE 4 CRUDE OIL SPECIFICATIONS



CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity @ 15.67/15	---	0.9408	ASTM D5002
API Gravity	*API	18.9	ASTM D5002
Sulfur Content (Total)	wt. %	3.88	ASTM D4294
H ₂ S Content	ppm	<1	IP 570
Mercaptan Content	ppm	13	UOP 163
Nitrogen Content(Total)	wt. %	0.18	ASTM D 5762
Water & Sediment	Vol. %	0.10	ASTM D4007
Water Content	Vol. %	0.10	ASTM D4006
Salt Content	PTB	22	ASTM D3230
Kinematic Viscosity@ 10°C	MM ² /S	1815.00	ASTM D445
Kinematic Viscosity @ 20°C	MM ² /S	742.60	
Kinematic Viscosity @ 40°C	MM ² /S	177.200	
Pour Point (Upper)	°C	-24	ASTM D5853
Reid Vapor Pressure	psi	3.85	ASTM D323
Asphaltene Content	wt. %	10.1	IP 143
Wax Content	wt. %	3.8	BP 237
Drop Melting Point of Wax	°C	60	IP 133
Conradson Carbon Residue	wt. %	12.55	ASTM D189
Total Acid Number	Mg KOH/g	0.64	UOP 565
Nickel Content	mg/kg	21	ASTM D5863
Vanadium Content	mg/kg	85	
Iron Content	mg/kg	1	
Lead Content	mg/kg	<1	
Sodium Content	mg/kg	6	
Zinc Content	mg/kg	<1	
Copper Content	mg/kg	<1	