



RAHA SADR INDUSTRIAL CO

Specification of Iran Light crude Oil

CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity@15.56 / 15.56	---	0.8568	ASTM D5002
API Gravity	°API	33.6	ASTM D5002
Sulfur Content (total)	Wt%	1.46	ASTM D4294
H ₂ S Content	ppm	86	IP 570
Mercaptan Content	ppm	60	UOP 163
Nitrogen Content (total)	Wt%	0.13	ASTM D5762
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	19.50	ASTM D445
Kinematic Viscosity @20°C	mm ² /s	10.88	
Kinematic Viscosity @40°C	mm ² /s	6.319	
Pour Point (Upper)	°C	-12	ASTM D5853
Reid Vapor Pressure	PSI	8.95	ASTM D323
Asphaltene Content	Wt%	1.6	IP 143
Wax Content	Wt%	4.8	BP 237
Drop Melting Point of Wax	°C	57	IP 133
Conradson Carbon Residue	Wt%	4.50	ASTM D189
Total Acid number	Mg KOH/g	0.12	UOP 565
Nickel Content	mg/kg	11	ASTM D5863
Vanadium Content	mg/kg	40	
Iron Content	mg/kg	<1	
Lead Content	mg/kg	<1	
Sodium Content	mg/kg	8	
Zinc Content	mg/kg	<1	
Copper Content	mg/kg	<1	



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