

STANDARD SPECIFICATION OF VIRGIN FUEL OIL D6

Method Units	Test	Result	Unit
ASTM D5002	Density and relative Density of Crude Oils Average API Gravity	29.7 (29.7) (Min)	API
ASTM D1298-99	Density @ 15 °C	0.87 (0.8775) (Max)	Kg/t
ASTM D97	Pour Point of Petroleum Products Pour Point Pour Point	< -33 (-36) (Below Zero) < -27.4 (-32.8) (Below Zero)	°C °F
ASTM D93-IP34	Pensky-Martens Closed Cup Flash Point Corrected Flash Point	117(137) (Min)	°F
ASTM D4294	Sulfur Content in Petroleum Products by EDXRF Sulfur Content	0.38 (0.358) (Max)	Wt%
ASTM D445	Kinematic/Dynamic Viscosity Kinematic Viscosity @ 122°F/50°C	17.83 (18.12) (Max)	Mm ² /s
ASTM D6304	Water Content by Coulometric Karl Fisher Titration Water Content	0.20 (0.7) (Max)	Wt%
ASTM D482	Ash From Petroleum Products Average Ash	0.279 (1.007) (Max)	Wt%
ASTM D2161	Conversion of Kinematic Viscosity To SUS/SFS 1Saybolt Furoi Viscosity 122 °F	10.9 SFS	(Max)
ASTM D5184	Aluminum and Silicon in Fuel Oils by ICP-AES or AAS Aluminum Content Silicone Content	102 (Max) 93 (Max)	Mg/Kg Mg/Kg
ASTM D95	Water by Distillation, Vol%	0.70 (Max)	Vol%
ASTM D4503.06	Carbon Residue	1.11 (Max)	Wt%
METHOD TEST RESULT UNITS			
IP 143 Asphlteness Heptane Insolubles			
	Asphlteness Content	0.08	Wt%
IP 501 Determination of AL, Si,V,Ni,Fe,Na,Ca,Zn,P in Fuel Oil-ICPES			
	Aluminum	372	mg/kg
	Silicon	187	mg/kg
	Sodium	117	mg/kg
	Vanadium	1	mg/kg
	Calcium	779	mg/kg
	Zinc	298	mg/kg
	Phosphorous	4176	mg/kg
	Iron	545	mg/kg