

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 Deg 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	0.9SFS	(MAX)
ASTM D5184	Aluminum and Silicon in Fuel Oils by ICP-AES or AAS Aluminum Content Silicon Content	102 (MAX) 93 (MAX)	Mg/kg Mg/kg
ASTM D95	Water by Distillation, Vol%	0.70 (MAX)	Vol%
ASTM D4530.06	Carbon Residue	1.11 (MAX)	Wt%

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Method Test Result Units		
IP 143 Asphalteness Heptane Insolubles		
Asphaltene Content	0.08	Wt%
IP 501 Determination of AL,Si,V,Ni,Fe,Na,Ca,Zn,P in Fuel Oil-ICPES		
Aluminium	372	mg/kg
Silicon	187	mg/kg
Sodium	117	mg/kg
Vanadium	1	mg/kg
Calcium	779	mg/kg
Zinc	298	mg/kg
Phosphorus	4176	mg/kg
Iron	545	mg/kg