



**DIESEL D6 VIRGIN FUEL OIL SPECIFICATION**

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	< -33 (-36) (BELOW ZERO) < -27.4 (-32.8) (BELOW	°C
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	17.83 (18.12) (MAX)	Mm2/s
ASTM D6304	Water Content by Coulometric Karl Fisher Titrationv 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 1 Saybolt furoi viscosity 122°F	10.9SFS	(MAX)
ASTM D5184	Aluminum and Silicon in Fuel Oils by ICP-AES or AAS Aluminum 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%
<b>Method Test Result Units</b>			
IP 143 Asphlteness 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
	Vanadium1	1	mg/kg
	Calcium	779	mg/kg