

DIESEL Virgin Fuel D6 SPECIFICATION

<u>No</u>	<u>METHOD UNITS</u>	<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>
1	ASTM D5002	Density and Relative Density of Crude Density and Relative Density of Crude Oil and Average API Gravity	29.7(29.7) Min	API
2	ASTM D1298-99	Density @ 15 Deg C	0.87(0.775)	Kg/t
3	ASTM D97	Pour Point of Petroleum Pour Point Pour Point	<-33(-36) BELOW ZERO <-27.4(-32.8) BELOW ZERO	°C
4	ASTM D93-IP34	Pensky-Martens Closed cup Flash Point Corrected Flash Point	117(137) Min	°F
5	ASTM D4294	Sulfur content in petroleum Product by EDXRSulfur content	0.38(0.358) Max	W1%
6	ASTM D445	Kinematic/Dynamic viscosity Kinematic viscosity @ 122°F/50°C	17.83(18.12) Max	Mm2%
7	ASTM D6304	Water content by coulometric Karl Fisher Titration Water content	0.20(0.7) Max	W1%
8	ASTM D482	Ash from petroleum product Average Ash	0.279(1.007) Max	W1%
9	ASTM D2161	Conversion of kinematic viscosity To SUS/SFS I Saybolt furol Viscosity	10.9SFS	Max
10	ASTM D5184	Aluminum and Silicon in Fuel Oils By KP-AES or AAS Aluminum content	102(max)	Mg/kg
11	ASTM D95	Water by Distillation Vol%	0.70(Max)	Vol%
12	ASTM D4530.06	Carbon Residue	1.11(max)	W1%

Method Test Result Unit

IP 143 Asphaltene Heptane Insoluble			
	Asphaltene content	0.08	W1%
IP 501 Determination of AL, Si, V, Ni, Fe, Na, Ca, Zn, P in Fuel Oil			
	Aluminum	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