

<b>Specification: Fuel Diesel "D6" Virgin Bunker Diesel Fuel Oil / LPFO</b>				
<b>S/#</b>	<b>Test Property</b>	<b>Unit</b>	<b>Typical Result &amp; Range</b>	<b>Test Method</b>
1	Density and Relative Density of Crude Oils	API		ASTM D5002
1.1	Average API Gravity		29.7 (29.7) (Min)	
2	Density @ 15 Deg C	Kg/t	0.87 (0.8775) (Max)	ASTM D1298-99
3	Pour Point of Petroleum Products			ASTM D97
3.1	Pour Point	°C	< -27.4 (-32.8) (BELOW ZERO)	
3.2	Pour Point	°F	<- 27.4 (-32.8)(BELOW ZERO)	
4	Pensky-Martens Closed Cup Flash Point			ASTM D93-IP34
4.1	Corrected Flash Point	°F	117 (137) (MIN)	
5	Sulfur Content in Petroleum Products by ED-XRF			ASTM D4294
5.1	Sulfur Content	Wt%	0.38(0.358) (MAX)	
6	Kinematic/Dynamic Viscosity			ASTM D445
6.1	Kinematic Viscosity @ 122°F / 50° C	Mm2/s	17.83(18.12) (MAX)	
7	Water Content by Coulometric - Karl-Fischer Titration			ASTM D6304
7.1	Water Content	Wt%	0.20 (0.7) (MAX)	
7.2	Water by Distillation	Vol%	0.7 (MAX)	ASTM D95
8	Ash from Petroleum Products			ASTM D482
8.1	Average Ash	Wt%	0.279 (1.007) (MAX)	
9	Conversion of Kinematic Viscosity To SUS/SFS 1 Saybolt furoi			ASTM D2161
9.1	Viscosity 122°F	(MAX)	10.9SFS	
10	Aluminum and Silicon in Fuel Oils by ICP- AES or AAS			ASTM D5184
10.1	Aluminum Content	Mg/kg	102 (MAX)	
10.2	Silicon Content	Mg/kg	93 (MAX)	
11	Water by Distillation, Vol%	Vol%	0.70 (MAX)	ASTM D95
12	Carbon Residue	Wt%	1.11 (MAX)	ASTM D4530.06
13	IP 143 Asphltiness (Heptane Insolubles)			
13.1	Asphaltene Content	Wt%	0.08	
<b>14</b>	<b>IP 501 Determination of AL,Si,V,Ni,Fe,Na,Ca,Zn,P in Fuel Oil-ICPES</b>	<b>Unit</b>	<b>Typical Test Result</b>	
14.1	Aluminium	mg/kg	372	
14.2	Silicon	mg/kg	187	
14.3	Sodium	mg/kg	117	
14.4	Vanadium	mg/kg	1	
14.5	Calcium	mg/kg	779	
14.6	Zinc	mg/kg	298	
14.7	Phosphorus	mg/kg	4176	
14.8	Iron	mg/kg	545	