

## D6 VIRGIN FUEL OIL (Russian)

Specifications	Unit	Result	Test method
Density and Relative Density of Crude Oils Average API Gravity	API	29.7 (29.7) (Min)	ASTM D5002
Density 15 Deg C	Kg/t	0.87 (0.8775) (Max)	ASTM D1298-99
Pour Point of Petroleum Products Pour Point Pour Point	°C °F	< -33 (-36) BELOW ZERO < -27.4 (-32.8) BELOW ZERO	ASTM D97
Pensky-Martens Closed Cup Flash Point Corrected Flash Point	°F	117 (137) (MIN)	ASTM D93-IP34
Sulfur Content in Petroleum Products by EDXRF Sulfur Content	wt%	0.38 (0.358) (MAX)	ASTM D4294
Kinematic/Dynamic Viscosity Kinematic Viscosity 122°F / 50°C	mm <sup>2</sup> /S	17.83 (18.12) (MAX)	ASTM D445
Water Content by Coulometric Karl Fisher Titration Water Content	wt%	0.20 (0.7) (MAX)	ASTM D6304
Ash from Petroleum Products Average Ash	wt%	0.279 (1.007) (MAX)	ASTM D482
Conversion of Kinematic Viscosity To SUS/SFS 1Saybolt furoi viscosity 122°F	(MAX)	10.9SFS	ASTM D2161
Aluminum and Silicon in Fuel Oils by ICP-AES or AAS Aluminum Content Silicon Content	mg/kg mg/kg	102 (MAX) 93 (MAX)	ASTM D5184
Water by Distillation, Vol%	Vol%	0.70 (MAX)	ASTM D95
Carbon Residue	wt%	1.11 (MAX)	ASTM D4530.06
<b>Method Test Result Units</b>			
IP 143 Asphltteness Heptane Insolubles			
Asphaltene Content	wt%	0.08	
IP 501 Determination of AL,Si,V,Ni,Fe,Na,Ca,Zn,P in Fuel Oil-ICPES			
Aluminium	mg/kg	372	
Silicon	mg/kg	187	
Sodium	mg/kg	117	
Vanadium	mg/kg	1	
Calcium	mg/kg	779	
Zinc	mg/kg	298	
Phosphorus	mg/kg	4176	
Iron	mg/kg	545	