

KAZAKHSTAN / NETHERLANDS ORIGIN - VIRGIN FUEL D6

TEST	UNITS	INTERNATIOAL SPECIFICATIONS	RESULT
Density and Relative Density of Crude Oil and Average API Gravity	API	ASTM D5002	29.7(29.7)Min
Density @ 15 Deg C	Kg/t	ASTM D1298-99	0.87(0.775)
Pour Point of Petroleum	°C	ASTM D97	<-33(-36) BELOW ZERO
Pour Point	°C	ASTM D97	<-27.4 (-32.8) BELOW ZERO
Pensky-Martens Closed cup Flash Point Corrected Flash Point	°F	ASTM D93-IP34	117(137)Min
Sulfur content in petroleum Product by EDXRSulfur content	W1%	ASTM D4294	0.38(0.358)Max
Kinematic/Dynamic viscosity Kinematic viscosity @ 122°F/50°C	Mm2%	ASTM D445	17.83(18.12)Max
Water content by coulometric Karl Fisher Titration Water content	W1%	ASTM D6304	0.20(0.7)Max
Ash from petroleum product Average Ash	W1%	ASTM D482	0.279(1.007)Max
Conversion of kinematic viscosity to SUS/SFS I Saybolt furol Viscosity 122°F	Max	ASTM D2161	10.9SFS
Aluminum and Silicon in Fuel Oils By KP-AES; or AAS Aluminum content and Silicon content	Mg/kg Mg/kg °F	ASTM D5184	102(max) 93(max)
Water by Distillation Vol%	Vol%	ASTM D95	0.70(Max)
Carbon Residue	W1%	ASTM D4530.06	1.11(max)
Method Test Result Unit			
IP 143 Asphaltenes Heptane Insoluble in Asphaltene Content	W1%		0.08
IP 501 Determination of AL, Si, V, Ni, Fe, Na, Ca, Zn, P in Fuel Oil in Aluminum, Silicon, Sodium	Mg/kg		372, 187, 117
in Vanadium, Calcium, Zinc, Phosphorus, Iron	Mg/kg		1, 779, 298, 4176, 545