

ECO LIGHT FUEL OIL (ELFO)

PRODUCT SPECIFICATIONS

Properties	Unit	Specification	Method of Analysis
Density at 15°C	kg/L	0.96 max	ASTM D 4052
Flash Point (PMCC)	°C	50 min	ASTM D 93
Kinematic Viscosity at 50°C	mm ² /s	150 max	ASTM D 445
Moisture Content	%	1.0 max	ASTM E 203
Acid Number	mgKOH/g	1.5 max	ASTM D 664
Sediment Content	%	1.0 max	ASTM D 1796
Ash Content	%	2.0 max	ASTM D 482
Calorific Value	MJ/kg	44 max	ASTM D 240
Carbon Residue (Micro Method)	%	5.0 max	ASTM D 4530
Sulfur Content	ppm	1500 max	ASTM D 5185
pH	-	6 – 7	US EPA 9045D
Polyaromatic Hydrocarbons			
Benzo(a)pyrene	mg/kg	10 max	US EPA 8270D & US EPA 3630C
Dibenz(ah)anthracene	mg/kg	10 max	US EPA 8270D & US EPA 3630C
Benz(a)anthracene	mg/kg	100 max	US EPA 8270D & US EPA 3630C
Benzo(b)fluoranthene	mg/kg	100 max	US EPA 8270D & US EPA 3630C
Benzo(k)fluoranthene	mg/kg	100 max	US EPA 8270D & US EPA 3630C
Chrysene	mg/kg	100 max	US EPA 8270D & US EPA 3630C
Indeno(123-cd)pyrene	mg/kg	100 max	US EPA 8270D & US EPA 3630C
Elements			
Arsenic, As	mg/kg	2 max	ASTM D 5185
Cadmium, Cd	mg/kg	2 max	ASTM D 5185
Chromium, Cr	mg/kg	5 max	ASTM D 5185
Lead, Pb	mg/kg	5 max	ASTM D 5185
Total Halogen, as Cl	mg/kg	600 max	US EPA 9076

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