Helmsman Supply Limited
We Create, We Serve

HELMSMAN SUPPLY LIMITED

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Technical Specifications

Property	Units	Test Method	Specification
Density at 15 °C	kg/m3	EN ISO 3675	820.0 – 845.0
Cetane Number	[minimum]	EN ISO 5165	51.0
Cetane Index	[minimum]	EN ISO 4264	46.0
Kinematic viscosity at 40 °C	mm^2/s	EN ISO 3104	2.00 – 4.50
Cloud Point: April to September October to March	°C, max	ASTM D2500	 21 5
Sulfur content	ppm wt, max	EN ISO 20884	10.0
Copper Strip Corrosion (3hr @ 50 °C)	[maximum]	EN ISO 2160	1
Carbon Residue (on 10% distillation residue)	% wt, max	ISO 10370	0.30
Water content	mg/kg, max	EN ISO 12937	200
Contamination (Sediments)	mg/kg, max	ISO 12662	24
Ash	% wt, max	EN ISO 6245	0.01
Flash point, PMCC	°C, min	EN ISO 2719	66
Distillation 95% Recovery Recovery at 250 °C Recovery at 350 °C	 °C, max %vol %vol, min	EN ISO 3405	 360 < 65 85
Oxidation Stability	g/m^3, max	EN ISO 12205	25
Ester content	% vol, max	EN 14078:2003	5
Lubricity, wear scar diameter	µm, max	ISO 12156-1	460
Polycyclic Aromatic Hydrocarbon	%wt, max	EN 12916	11
Color		Visual	Red