SPECIFICATION

Gas oil 10 PPM Sulphur Max

PROPERTY	Units	MIN	MAX	METHOD	RESULT
Appearance			Clear	Visual	Clear
ASTM Colour			2.0	ASTM D1500	L0.5
Ash	% (m/m)		0.01	ASTM D482	0.001
Gross Calorific Value	kcal/kg			ASTM D4868	10984
Carbon Residue (on 10 % Distillation Residue)	% (m/m)		0.2	ASTM D4530	<0.1
Strong Acid Number	mg KOH/g		Nil	ASTM D974 (Procedure C)	Nil
Acid Number	mg KOH/g		0.1	ASTM D974 (Procedure A)	0.03
Cetane Index (Procedure A)	Rating	50		ASTM D4737	60.2
Copper Strip corrosion (3h /100°C {212°F})	Rating		1	ASTM D130	1a
Density at 15°0	kg/L	0.820	0.845	ASTM D4052	0.8208
95% Recovered at	°C		360	ASTM D86	351.3
Flash Point by PMCC	°C	65		ASTM D93 (Procedure A)	71.0
Pour Point	°C	Report		ASTM D97	-30
Cloud Point	°C	Report		ASTM D2500	-7
Cold filter plugging point (CFPP)	°C		+12	IP 309	-20
Sediment and Water	% (V/V)	0.05		ASTM D2709	0.005
Sulfur Content	mg/kg		10	ASTM D5453	6.0
Kinematic Viscosity at 40°C (104°F)	cSt	2.0	4.5	ASTM D445	2.842
Polycyclic Aromatic Hydrocarbons	% (m/m)		11	IP 391 / EN12916	<1
Lubricity, corrected diameter (ws 1.4) at 60<C	µm		460	ASTM D6079	400
Total Insolubles	g/m3		25	ASTM D2274	6W