



MGO (MARINE GAS OIL) SPECS

No.	Test Description	METHOD	UNITS	MIN	MAX
1	Appear @ 25°C, Haze Level	ASTM D4176	-		4
2	Total Aromatic Hydrocarbons	IP 391	% mass	20	
3	Polycyclic Aromatic Hydrocarbons	IP 391	% mass		11
4	Ash	ASTM D482	% mass		0.01
5	Water & Sediment in Distillate	ASTM D2709	% Vol		0.05
6	Micro Carbon Residue (10%BI)	ASTM D4530	% mass		0.2
7	Cetane Index	ASTM D976	-	46	
8	Cloud Point by D2500	ASTM D2500	°C		10
9	ASTM Color	ASTM D1500	-		2
10	Conductivity	ASTM D2624	PS/M	150	600
11	Copper Corrosion (3Hrs @ 100°C)	ASTM D130	-		1
12	Density @ 15°C, g/m3	ASTM D4052	KG/M3	820	860
13	Dist. IBP	ASTM D86	°C		
14	Dist. 10% Recovered	ASTM D86	°C		
15	Dist. 50% Recovered	ASTM D86	°C		
16	Dist. 90% Recovered	ASTM D86	°C		
17	Dist. 95% Recovered	ASTM D86	°C		371
18	Dist. FBP	ASTM D86	°C		
19	Flash Point - PMCC	ASTM D93	°C	64	
20	Filter Blocking Tendency - Proc_A	IP 387	-		2
21	Lubricity	IP 450	MICRON		460
22	Total Acid No.	ASTM D974	MGKOH/G		0.25
23	Strong Acid No. (Mineral Acid)	ASTM D974	MGKOH/G		NIL
24	Odor-Indirect	QUAL	-	MERCH	
25	Oxidation Stability - 16Hrs	ASTM D2274	MG/100ML		2.5
26	Sulphur (mg/kg = wt ppm)	ASTM D4294	MG/KG		500
27	Viscosity @ 40°C	ASTM D445	CST	2	4.5
28	Stad's 450	DECLARED	MG/L		
29	Lubricity Additive (Infineum R-655, mg/kh = wt ppm)	DECLARED	MG/KG		200

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