

**SPECIFICATION****GAS OIL 50 PPM**

PROPERTIES	UNIT	TEST METHOD	GUARANTEED
APPEARANCE	VISUAL TEST		CLEAR & BRIGHT, WITHOUT UNDISSOLVED SEDIMENT OR FREE WATER
ACID NUMBER, TOTAL	MG/KOH/G	ASTM D664	0.5 MAX
ASH CONTENT	% WEIGHT	ASTM D482, EN ISO 6245	0.01 MAX
CETANE INDEX	RANGE 0-100	ASTM D4737, EN ISO 4264	48 MIN
CETANE NUMBER	RANGE 0-100	ASTM D613, EN ISO 5165	
CONRADSON CARBON RESIDUE (10% DISTILLATION)	% MASS	ASTM D4530, EN ISO 10370	0.2 MAX
COLOUR	GRADE	ASTM D1500 / IP 196	2 MAX
CONDUCTIVITY @ 25°C	Ps/m	ASTM D2624, EN ISO 6297:1997	
COPPER CORROSION (3 HRS @ 50°C)	CLASS	ASTM D130, EN ISO 2160	1 MAX
DENSITY @ 15°C	g/ml	ASTM D4052, EN ISO 3675	0.82 - 0.86
DISTILLATION T95 (95% RECOVERED)	°C	ASTM D86, EN ISO 3405:1998	360 MAX
FLASH POINT (COC)	°C	ASTM D93, EN 22719	66 MIN
FATTY ACID METHYL ESTERS (FAME)	%	ASTM D7371	NIL
KINETIC VISCOSITY @ 40°C	cSt	ASTM D445, EN ISO 3104	2.0 - 4.5
LUBRICITY (HFRR) (WSD1,4) @ 60°C	MICRONS	ASTM D6079, IP 450, ISO 12156-1	460 MAX
ODOR			
OXIDATION STABILITY	mg/L	ASTM D 2274, EN ISO 12205	
PARTICULATE MATTER	mg/kg	EN 12662	
POLYAROMATIC HYDROCARBONS (PAHS)	% WEIGHT	IP 391: 1995	11 MAX
POUR POINT	°C	ASTM D97	9 MAX
SULFUR CONTENT	PPM	ASTM D5453, EN ISO 20846/7 & 20884	50 MAX
WATER CONTENT	mg/kg	EN ISO 12937	
WATER AND SEDIMENT	% VOLUME	ASTM D2709	0.05 MAX