

MARKETING SPECIFICATION

INDUSTRIAL GAS OIL – BS 2869:2006 CLASS A2

PROPERTY	UNITS	QUALITY		TEST METHOD
		Typical value	Specification	
Viscosity at 40°C	cSt	3.5	5.5 max. 2.0 min.	BS 2000-71
Density	kg/m ³	865	820 min.	BS 2000-160
Cetane number		47	45 min.	BS 2000-41
Carbon residue (micro), 10% bottoms.	%m/m	0.01	0.30 max.	BS2000-398
Distillation recovery @ 250°C	%v/v	50	65 max.	BS 2000-123
@350°C	%v/v	70	85 min.	BS 2000-123
Flash point (PMCC)	°C	75	56 min.	BS2000-34
Water content	mg/kg	50	200 max.	BS 2000-438
Sediment	mg/kg	<10	24 max.	IP 415
Ash content	%m/m	<0.001	0.01 max.	BS 2000-4
Sulphur content	%m/m	<0.10	0.10	BS 2000-336
Copper corrosion (3 h @ 100°C)	class	1	1	BS 2000-154
CFPP, °C, summer	°C	-10	-4 max.	BS 2000-309
winter	°C	-15	-12 max.	BS 2000-309
Strong acid number	mgKOH/g	zero	zero	BS 2000-139
Fatty Acid Methyl Ester (FAME) content	%m/m	zero	5 max.	BS EN 14078
Calorific Value	MJ/L	39.5		BS 2869:2006