



Crown Oil

Fuels and Lubricants

CROWN GAS OIL

CROWN Gas Oil meets BS 2869 (2010) Class A2 . Gas oil is a dyed and marked product, to be used for small furnace or boiler applications, stationary diesel and untaxed engines.

Fuel Parameters	British Standard	Typicals
Kinematic Viscosity (cSt at 40°C)	5.5 max	3.5 - 4.5
	1.5 min	
Density at 15°C (kg/m ³)	-	856
Sulphur (ppm)	20 0.002% max ppm	10 0.001% ppm
Cetane No or Calculated Cetane index	45 min	48
Flash Point (°C)	56 min	>62
Ash (% mass)	0.01 max	<0.001
Sediment (% mass)	0.01 max	<0.001
Water (% volume)	0.02	<0.01
Cold Filter Plugging Point (-°C)		
Summer (16/3 - 30/9 incl.)	- 4 max	-8
Winter (1/10 - 15/3 incl.)	- 12 max	-14
Cloud Point (°C)		
Summer (16/3 - 14/11 incl.)	-	2
Winter (15/11 - 15/3 incl.)	-	-2
Carbon residue (% mass)	0.2 max	0.1
Ramsbottom on 10% residue		
Distillation recovery at 350°C (% vol.)	85 min	90
Carbon (% mass)	-	87
Hydrogen (% mass)	-	12.75
Nitrogen (% mass)	-	0.01 - 0.05
Gross specific Energy (MJ / kg)	-	45.4
(MJ / litre)	-	38.8
Mean Specific Heat Capacity over 0-100°C (KJ/kg°C)	-	2.05
Volume Correction Factor (per °C)	-	0.00081
Copper Corrosion	1 Max	1A

The above are typical figures and we reserve the right to alter the specification without notice. Nothing on this specification constitutes a guarantee. Amended to 2010 regs