



## Kerosene – Premium – Class C1



### Description

Kerosene Premium BS 2869 Class C1 is a high smoke point, clean burning kerosene with exceptionally low sulphur content. It is ideal for use in horticultural applications for production of heat and carbon dioxide free from acidic combustion gases. It is also ideal for use in space heaters/jet blowers, wick fed lamps and also as barbecue lighter fuel.



### Specification

Parameter	Unit	Minimum	Maximum	Typical
Appearance	-	Clear & bright, Pale yellow, Free from visible sediment.		Pass
Density at 15°C	kg/m <sup>3</sup>		0.820	0.775
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	-	2.0	1.1
Distillation recovery at 200°C	% (v/v)	15	60	
at 240°C	% (v/v)	50	-	
Final boiling point	°C	-	280	
Flash point (PMCC)	°C	43	-	
Water content	mg/kg	-	200	<100
Sulphur	% (m/m)	-	0.04	<0.04
Copper corrosion (2 hrs at 100°C)	Class	-	1	1
Smoke point	mm	34	-	
Char value(1)	mg/kg	-	10	3
Gross calorific value(2)	J/g	-	-	46,500
Net calorific value(2)	J/g	-	-	43,000



# **Crown Oil**

**Fuels and Lubricants**

<b>Parameter</b>	<b>Unit</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Typical</b>
Hydrocarbon types				
Aromatics	% (v/v)	-	-	nil
Olefins	% (v/v)	-	-	>50
Benzenes	% (v/v)	-	-	<0.1
Doctor test	-	-	Negative	Negative

Notes:

1. Burning test 24 hour wick char.
2. To convert J/g to kWh/ltr multiply by  $2.1472 \times 10^{-4}$

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

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