



TECHNICAL DATA SHEET

G-COOL 79

Product Description:

G-Cool 79 is a boron-based, semi synthetic watermix metalworking fluid incorporating next generation low foaming emulsification technology. G-Cool 79 is formaldehyde release biocide free and is free from secondary amines.

Benefits:

- Extremely low foaming even at high temperatures, long cycles and in hard and soft waters.
- Superb emulsion stability and cleanliness.
- Excellent PH buffering to maintain fluid life.
- High operator acceptability with no odour.

Applications:

- General & heavy duty ferrous machining incl stainless steel.
- Nodular & cast irons
- High silicon aluminium alloys.
- Composite & polymeric materials
- High pressure coolant systems

Storage:

Store inside, out of direct sunlight
Shelf life of 12 months at ambient temperatures, from date of supply.

Typical Test Data:

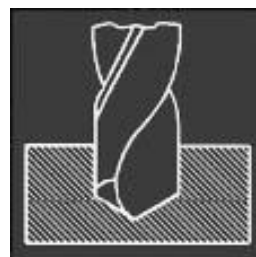
Concentrate	
SG @ 15.5°C	1.02
Appearance	Yellow/Amber
Total Alkalinity, %KOH	9.4
Emulsion	
Appearance	Semi translucent
pH	9.6 at 5%
IP287 Corrosion Test	3% break point
Refractometer Factor	2.3

Health & Safety:

Please refer to the relevant health and safety data sheet, a copy of which is freely available to all of our customers

Availability:

G-Cool 79 is available in IBC's & 200 litre barrels & 20ltr drums.



Gem Oils use a QMS system which is
ISO 9001:2015 approved

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