

Polartech GFC 800

Boron Technology Synthetic Fluid Package

- Use** : Synthetic, secondary amine free, corrosion inhibitor package
- Applications** : Watermix grinding fluids
- Advantages** :
Excellent corrosion protection
Secondary amine free
Very low foaming
Good fines separation
Inherently stable fluids
Minimum wheel glazing
Superb flushing action
Fluid residue formation
Stable solutions in hard water
- Concept** : A versatile synthetic corrosion inhibitor, secondary amine free, to form the basis of a series of high performance grinding fluids allowing various levels of corrosion protection to provide cost effective fluids.

Typical Product Data

Appearance	:	Yellow, clear fluid
Specific Gravity @ 20°C	:	1.23
Total Alkalinity % wt KOH	:	21
Stability at		
-10°C	:	Clear, stable fluid
0°C	:	Clear, stable fluid
40°C	:	Clear, stable fluid

This does not represent a complete specification, full sales specification data will be supplied on request by Polartech Quality Assurance Department.

Health and Safety

Polartech GFC 800 is free from nitrites, phenols, chlorine and PTBBA in accordance with international health and safety trends. For a full Material Safety Data Sheet please contact Polartech Limited.

Polartech GFC 800 forms part of a comprehensive range of additives, if you require more information on this or any other product please contact Polartech Technical Department. This information is for guidance only. It is recommended that complete testing be carried out on all additives to determine their suitability for use in proprietary formulations.



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Formulatory Guidance

		<u>% wt</u>	<u>Appearance</u>	<u>IP 287 %</u>
A	Polartech GFC 800	30	Clear pale yellow	3.0
	Water	70		

This formulation is hypothetical only. All manufactured materials have a specification range and again this will vary the proportions required to produce a stable product. If further guidance is required please contact the Polartech Technical Department.



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