

## Polartech BA 55 MX

Boron Primary Amine Glycol Condensation Additive

- Use** : Corrosion inhibitor
- Applications** : Synthetic watermix cutting fluids  
Semi synthetic watermix cutting fluids  
High oil conventional cutting fluids  
High water based hydraulic fluids  
Synthetic cleaning fluids
- Advantages** : Extremely low foaming tendency  
Excellent hard water stability  
Low skin irritancy  
Synergistic effects with other corrosion inhibitors  
Fluid residue formation  
Excellent separation of hydrophobic components  
Low pH value
- Concept** : A relatively high boron containing additive to provide corrosion inhibition and easy incorporation into a wide variety of watermix fluid formulations.

### Typical Product Data

<b>Appearance</b>	:	Pale yellow, clear fluid
<b>Specific Gravity @ 20°C</b>	:	1.26
<b>Boron Content % wt</b>	:	5.2
<b>pH @ 1% Concentration</b>	:	8.8
<b>Total Alkalinity % wt KOH</b>	:	32
<b>IP 287 Corrosion Test %</b>	:	2.0

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 BA 55 MX 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 BA 55 MX 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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