Metalworking Fluids

6122 P Base Conventional Emulsifier Package



Combined Emulsifier and Corrosion Inhibitor Package





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Application

Polartech[®] 6122 P Base is a high quality package to produce a range of traditional watermix metalworking fluids with a high level of corrosion inhibition and stable emulsions.

Typical applications include:

- · Conventional watermix metalworking fluids
- Watermix hydraulic fluids

Key Performance Benefits

Excellent emulsification of paraffinic base oils

Anionic and nonionic surfactant system

Good corrosion inhibition

Provides stable concentrates

Cost effective

Simplified fluid production

Boron free formulations

Regulatory Status

Image: Separation of the second sec

A full safety data sheet is available on request. Additional information including advice on suitable disposal methods is also available from the Afton Technical Department.



Typical Characteristics

Appearance:	Dark Brown Fluid
Specific Gravity at 20°C:	1.00
Total Alkalinity, % wt. KOH:	6.5
Stability at 0°C:	Stable fluid
Stability at 40°C:	Stable fluid

Basic Blend Ratios

•	Polartech 6122 P:	20% - 25%

• SN 150 paraffinic oil: 80% - 75%

Storage

- Store inside warehouse, ideally between 10°C and 30°C
- Store out of direct sunlight
- Shelf life of 6 months from date of supply
- Avoid water collecting on barrel top



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