

TECHNICAL DATA SHEET



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Sector: Industrial

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MILLERSOL MP

Millersol MP is a semi-synthetic, low foaming formaldehyde-free metalworking fluid, designed to perform a wide range of cutting and grinding operations across a variety of materials.

Application

Millersol MP is recommended for use on cast iron, ferrous alloys, aluminium alloys, yellow metals and glass.

Machining Operations	Recommended Dilutions
Turning, Milling and Drilling	4-6%
Tapping and Threading	5 – 7% (cast iron, leaded steel, low carbon mild steel) 7 – 10% (medium carbon steels, stainless steel)
Grinding operations	3-5%

Features & Benefits

- Optimised lubricity and cooling properties ensure quality work piece finish and longer tool life.
- Low foaming formulation provides consistent lubrication and heat removal in both hard and soft water.
- Robust formulation extends sump life, resulting in both economical fluid consumption and reduced down-time.
- Multi-metal compatibility allows product rationalisation for subcontractor flexibility as well as simplified ordering and stock holding.
- Chlorine and formaldehyde-free formulation ensures minimised hazard labelling for operator safety and audit compliance.

Typical Characteristics

Emulsion appearance	Translucent
pH at 5% in distilled water	9.3
Corrosion break point, IP287, %	2.0
Refractometer correction factor	1.4
Water Hardness, ppm	≤450

Technical & Health and Safety

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