

TECHNICAL DATA SHEET



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Sector: Industrial

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MILLERSOL LF

Millersol LF is a semi-synthetic, formaldehyde-free metalworking fluid, designed for severe machining operations where a low foaming product is required.

Application

Millersol LF is recommended for use on ferrous alloys including stainless steel and titanium, aluminium alloys and yellow metals.

Machine operations	Recommended dilutions
Turning, milling and drilling	4 – 6%
Tapping and threading	5 – 7%
Creep feed grinding	7 – 8%
Surface and cylindrical grinding	3 – 4%

Features & Benefits

- Extremely low-foaming even in high pressure systems and soft water areas, to provide consistent lubrication and heat removal.
- High level of lubricity additives ensures excellent cutting performance and surface finish.
- Robust formulation extends sump life, resulting in both economical fluid consumption and reduced down-time.
- Chlorine-free and formaldehyde-free, ensuring minimised hazard labelling for operator safety and audit compliance.

Typical Characteristics

Emulsion appearance	Semi-translucent
pH @ 5% in distilled water	9.3
Corrosion break point, IP 287, %	2.0
Refractometer correction factor	1.0
Maximum water hardness, ppm	250

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