



PRODUCT DATA SHEET



PRODUCT NAME:
MILLERSOL HW

Product No	8061
Issue No.	2
Issue Date	05/06/18

DESCRIPTION:

Millersol HW is a semi-synthetic, formaldehyde-free metalworking fluid, designed for severe machining operations even in hard water areas.

APPLICATION:

Millersol HW is recommended for use on ferrous alloys, aluminium alloys and yellow metals.

Machine operations	Recommended dilutions
Turning, milling and drilling	4 – 6%
Tapping and threading	5 - 7%
Grinding operations	3 – 4%

USER BENEFITS:

- High level of lubricity additives ensures excellent cutting performance and surface finish.
- Low foaming formulation and excellent emulsion stability in hard water areas provides consistent lubrication and heat removal, even in high pressure through-spindle coolant systems.
- 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.

Characteristics	Typical values
Emulsion appearance	Semi-translucent
pH at 5% in distilled water	9.3
IP 287 corrosion break point	2.0
Refractometer correction factor	1.2
Maximum water hardness	450 ppm

HEALTH AND SAFETY:

Safety data sheets are available upon request. When used for the purpose recommended and with due regard to the appropriate health and safety data, the product should cause no concern. If in doubt, consult with Millers Oils Technical Department.

For technical assistance call +44 (0) 1484 475060 or email technical@millersoils.co.uk

