Wallover

Product Data

WS 8590

GENERAL DESCRIPTION

WS 8590 is a heavy-duty, oil-rejecting synthetic machining and grinding fluid formulated for use on ferrous metals. This unique product provides superior cooling and extreme pressure properties needed for use on high alloyed ferrous metals, such as stainless steel. This product does not contain chlorinated, sulfurized, or phosphorus-containing additives or DEA. WS 8590 is fortified against attack from micro-organisms.

PERFORMANCE BENEFITS

- Superior Tool Life
- Non-Tacky Residue
- Excellent Sump Life
- Operator Friendly
- Non-Foaming
- Excellent Corrosion Protection

TYPICAL PROPERTIES

Appearance……Clear Blue Liquid
pH Value, 5% solution……. 8.7
Density, lbs/gal……. 8.83
Refractometer Factor…… 2.2

RECOMMENDED CONCENTRATION		REFRACTOMETER READING
Tapping, Reaming, Sawing……..	6 - 10 %	2.7 - 4.5
Milling, Drilling, Turning…….	6 - 10 %	2.7 - 4.5
Grinding……	3 - 5 %	1.4 - 2.3

CONCENTRATION CALCULATION

% Concentration = Refractometer Reading x Refractometer Factor

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Note: Always calibrate the refractometer so that it reads 0.0 with water that will be mixed with the machining coolant.

MIXING INSTRUCTIONS

- Always pre-mix coolant before adding it to the machine.
- If mixing by hand, always **add the coolant concentrate** to water, then agitate.
- For best results, a proportioner should be used.
- Since water evaporates from the coolant, the concentration will increase over time. To maintain the recommended concentration, makeup coolant should be pre-mixed at half the % concentration as the initial fill.

HEALTH & SAFETY

Material Safety Data Sheets are available for all Wallover products. Consult the MSDS for information regarding the storage, handling and disposal of a product.

WARRANTY

All reasonable effort has been made to ensure that the information provided in this publication is accurate. No warranties are expressed or implied since the use of this product is beyond our control.