

QUENCHING OIL NO. 3SW

Medium Speed Washable Quenching Oil

DESCRIPTION

QUENCHING OIL NO. 3SW is based upon specially selected refined mineral oils to ensure consistent performance under arduous operating conditions. It is formulated to give exceptional thermal stability with maximum resistance to oxidation and sludge.

The quenching speed of QUENCHING OIL NO. 3SW is achieved without the introduction of additives that react with cyanide and it is, therefore, particularly suitable for use in conjunction with cyanide-containing salt baths.

QUENCHING OIL NO. 3SW is a medium speed quenching oil suitable for use at temperatures of 30°C to 80°C. It is designed for both general purpose and salt bath quenching applications and is suitable for use in open quench tanks, sealed quench furnaces and continuous furnaces of the shaker hearth, cast link and mesh belt type.

QUENCHING OIL NO. 3SW is water washable enabling components to be washed in plain water after quenching.

FEATURES

- Suitable for a wide variety of quenching applications.
- Consistent performance under the most arduous of operating conditions.
- Uniform quenching characteristics maintained over a range of operating temperatures.
- High oxidation resistance and thermal stability to resist the formation of sludge and the breakdown of oil during quenching.
- Easily removed in hot or cold water.

TYPICAL VALUES

Density 15°C (Kg/lt)	0.87
Viscosity 40°C (cSt)	20
Flash Point °C (C.O.C.)	199
Quenching Speed (Secs) GM	16 - 18

HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

01 July 2011 Version 1.0, Code: D001A0200



HOUGHTON™

Houghton Australia Pty Ltd
287 Wickham Road
Moorabbin VIC 3189 Australia

Phone: +61 1300 736 642
Fax: +61 1300 736 234
info@houghton.com.au
www.houghton.com.au

This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.

QUENCHING OIL NO. 3SW

Medium Speed Washable Quenching Oil

REFERENCES

RELATED PRODUCTS

- CUT-MAX: Straight cutting oils
- HOCUT: Water miscible metalworking fluids
- DROMUS: Soluble metalworking fluids
- ADRANA: Micro-emulsion metalworking fluids
- METALINA: Synthetic metalworking fluids
- HOUGHTO-GRIND: Straight and water miscible grinding fluids
- HOUGHTO-DRAW: Straight and water miscible drawing stamping and forming fluids.
- CINDOL: Straight and water miscible drawing and forming fluids especially for Aluminium parts.
- CERFA-KLEEN: Water miscible cleaning fluids
- RUST VETO: Straight and water miscible rust preventive fluids.

HOW TO USE

QUENCHING OIL NO. 3SW should be used as received.

FLUID MAINTENANCE

These can be routinely performed and organised through Houghton's Customer Service laboratory, please contact your sales representative for further information about this service.

SHELF LIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **PRODUCT** is a minimum of Twelve (12) months, unless otherwise specified.

PRODUCT is available in 205 litre drums. Other sizes may be available upon request, please contact your Houghton sales representative.

01 July 2011 Version 1.0, Code: D001A0200



HOUGHTON™

Houghton Australia Pty Ltd
287 Wickham Road
Moorabbin VIC 3189 Australia

Phone: +61 1300 736 642
Fax: +61 1300 736 234
info@houghton.com.au
www.houghton.com.au

This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.