



HOUGHTON™

# WIOLAN SH 10

## High Quality Machining Fluid

### Description

**WIOLAN SH 10** is a special adaptation of a highly effective honing and grinding oil used extensively throughout Europe. The combination of lubricity agents, an effective inhibitor package and single cut base oil make it an ideal multi-application fluid. High production to dressing ratios can be expected as a norm while using **Wiolan SH 10**. Low surface roughness and full surface integrity is to be expected. To maintain surface quality **Wiolan SH 10** can be filtered through kieselguhr or similar diatomites without altering product chemistry or efficacy.

### Features & Benefits

- Excellent honing and grinding machining performance
- Paraffinic base oils
- Stable E.P. additives - no drop out
- High flash point

### Applications

**WIOLAN SH 10** is ideal for machining operations such as hobbing, drilling, planing and other general purpose applications for machining ferrous components. It is used neat, as supplied, from drum.

Other operations such as machining copper and brass can also be achieved with ease, making **WIOLAN SH 10** a versatile cutting fluid for use throughout an entire machine shop.

### Typical Physical and Chemical Properties

Appearance	Clear Yellow liquid
Density @15°C	0.860 kg/L
Viscosity @40°C	10.3 cSt
Flash Point (C.O.C.)	190°C
TAN (mg KOH/g)	0.5

**Wiolan SH 10** contains no halogens, heavy metals, nor PNA's

### Usage, Storage and Disposal

#### *Usage*

Houghton Australia  
287 Wickham Rd  
Moorabbin Vic 3189

Ph: 1300 736 642  
Fax: 1300 736 234  
e-mail : sales.au@houghtonintl.com



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Before using **WIOLAN SH 10** please ensure that all safety requirements as set out on the Material Safety Data Sheet are observed and adhered to, if ever in doubt please contact your sales representative who will be happy to help by addressing any concerns or questions.

***Storage***

Store according to instructions given on Material Safety Data Sheets.

***Disposal***

Use an accredited Trade Waste Disposal Company, which complies with all the local environmental laws and regulations when disposing of any waste product.

**Health and Safety**

No health or safety hazards exist when **WIOLAN SH 10** is stored, used and disposed of in accordance with instructions given on the Material Safety Data Sheet for this product. Houghton Australia takes no responsibility for misuse and or irresponsible use of this product.

**Product Shelf Life**

Under normal conditions the recommended shelf life for **WIOLAN SH 10** is a minimum of Twelve (12) months, unless otherwise specified.

**Availability and Shipping Classification**

**WIOLAN SH 10** is available in 205 litre drums. Other sizes may be available upon request, please contact your sales representative.

Houghton provides a reliable and professional delivery service of all its products. However if transportation of **WIOLAN SH 10** is required it should be done in accordance to the Material Safety Data sheets, the local laws and regulations. It is highly recommended that an accredited transportation company should always be used.

**Warranty**

The information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied, since the use of our products is beyond our control. Statements concerning the use of Houghton products are not to be construed as recommending the infringement of any patent.

**WIOLAN SH 10 is made in Australia**

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