

DRAWSOL 3301

Neat Cold Forming Oil

DESCRIPTION

DRAWSOL 3301 is based on hydro treated mineral oil with low aromatic content. A combination of polar, extreme pressure and anti-wear additives provide the oil with high load carrying properties. The oil provides good surface finish of the machined work pieces.

DRAWSOL 3301 is free from Chlorine and heavy metals (Zinc)

APPLICATIONS

DRAWSOL 3301 is a forming oil especially used for medium to severe deep drawing and bending processes.

DRAWSOL 3301 is also suitable for punching and stamping operation of ferrous materials.

RECOMMENDATION FOR USE

DRAWSOL 3301 is used neat as supplied.

TYPICAL PHYSICAL PROPERTIES

Colour	dark amber	
Specific Gravity @ 20 °C kg/m ³	930	ASTM D 4052
Kinematic Viscosity @ 40°C, mm ² /s	90	ASTM D 7042
Flash Point COC °C	160	ASTM D 92
Pour Point °C	-12	ASTM D 99
Copper Corrosion	4c	ASTM D 130

BENEFITS

- Reduced cost - improved tool life due to high EP power
- Reduced cost - less energy consumption due to high EP and lubricity
- Satisfied staff - good EHS profile, reduced smell and oil mist
- Reduced cost - easy to be washed off with standard cleaners

RELATED PRODUCTS

For best results we recommend the use of the Houghton range of industrial lubricants, cleaners and corrosion protective.

For more information, please contact your local Houghton representative.

STORAGE

Please refer to section 7 of Safety Data Sheets for handling and storage information, including product shelf life. Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is usually between 5°C and 40°C unless otherwise specified. Use stock in delivery rotation.

HEALTH AND SAFETY

Safety data sheets are available in accordance with Regulation (EC) No 1907/2006 Annex II where a substance or preparation meets the criteria in accordance with Directives 67/548/EEC or 1999/45/EC.

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