

CUT-MAX BR 500

Neat Cutting Oil for Broaching and Severe Machining

DESCRIPTION

CUT-MAX BR 500 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.

CUT-MAX BR 500 contains active sulphur and may discolor yellow metals. The oil is chlorine free.

APPLICATIONS

CUT-MAX BR 500 is used for the broaching of steel, as e.g. conneting rods or steering racks. The oil is also recommended for deep drilling operation with BTA or Ejector tools.

CUT-MAX BR 500 provides long tool life for all severe machining operations.

RECOMMENDATION FOR USE

CUT-MAX BR 500 is used neat as supplied.

TYPICAL PHYSICAL PROPERTIES

Colour	brown	
Specific Gravity @ 20 °C kg/m ³	900	ASTM D 4052
Kinetic Viscosity @ 40°C, mm ² /s	18	ASTM D 7042
Flash Point COC °C	185	ASTM D 92
Pour Point °C	n.d.	ASTM D 97
Copper Corrosion	4a	ASTM D 130

BENEFITS

- Increased productivity - high removal rates
- Reduced cost - energy saving
- Reduced cost - clean machines
- Reduced cost - less disposal frequency

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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