

# CUT-MAX BR 17

Neat Cutting Oil for Broaching and Severe Machining

## DESCRIPTION

CUT-MAX BR 17 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 17 contains active sulphur and may discolour yellow metals. The oil is chlorine free.

## APPLICATIONS

CUT-MAX BR 17 is designed for all machining of steel where a low viscosity EP oil is required. CUT-MAX BR17 is designed for automotive industry applications including broaching, gear hobbing and deep drilling.

CUT-MAX BR 17 is particularly suitable for vertical broaching of con-rods at speeds of up to 12 metres per minute.

## RECOMMENDATION FOR USE

CUT-MAX BR 17 is used neat as supplied.

## TYPICAL PHYSICAL PROPERTIES

Colour	yellow	
Specific Gravity @ 20 °C kg/m <sup>3</sup>	870	ASTM D 4052
Kinetic Viscosity @ 40°C, mm <sup>2</sup> /s	17	ASTM D 7042
Flash Point COC °C	180	ASTM D 92
Pour Point °C	n.d.	ASTM D 97
Copper Corrosion	4c	ASTM D 130

## BENEFITS

- Increased productivity - long tool life
- Increased productivity - less scrap
- Reduced cost - energy saving
- Reduced cost - long sump life

## 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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