

Cut-Max BR17

Neat cutting oil for conventional broaching applications

DESCRIPTION

Cut-Max BR17 is a chlorine-free low viscosity neat cutting oil formulated with specially selected refined mineral oils blended with polar compounds, extreme pressure, anti wear and lubricity additives. Cut-Max BR17 contains a special additive to limit mist formation.

APPLICATION

Cut-Max BR17 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.

TYPICAL PHYSICAL PROPERTIES

| TEST | TYPICAL VALUE | TEST METHOD |
|--------------------------------------|------------------|-------------|
| Appearance | Clear yellow oil | |
| Specific gravity @ 20°C | 0.87 | DIN 51757 |
| Viscosity @ 40°C, mm ² /s | 17 | DIN 51562 |
| Flash Point °C | 180 | DIN ISO2592 |
| 4 Ball test | | ASTM D2783 |
| LWI | 92 | |
| Weld point | 620kg | |

ADVANTAGES

- ❑ Suitable for a range of difficult machining applications
- ❑ Excellent wetability for shaving and grinding
- ❑ Minimised drag out..
- ❑ Excellent EP and anti-wear properties.
- ❑ Separates easily from water based cleaners to give extend cleaner tank life
- ❑ Low misting formula
- ❑ Low odour and pleasant to use.
- ❑ Resistant to oxidation for long service life

STORAGE

Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is between 5°C and 35°C. Use stock in delivery rotation. A shelf life of six months can be anticipated.

HEALTH AND SAFETY

Health and Safety Data Sheets are supplied to customers to comply with Section 6 of the Health and Safety at Work Act 1974, and should be closely studied prior to handling or use of the product. Copies are available from your Technical Health and Safety Officer. Various other advisory publications are available from the Health and Safety Executive and Her Majesty's Stationery Office.

Revision no. 1
08/04

All data given in this Product Data Sheet are typical of this material. It does not however constitute a specification. We reserve the right to modify products without prior notice. All products, services and information supplied are provided upon the terms of our standard Conditions of Sale from time to time in force.

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