Hocut 3380

High lubricity chlorine-free long-life soluble oil

DESCRIPTION

Hocut 3380 is based upon latest global Houghton technology. The low foaming milky emulsion uses chlorine-free high performance lubricity agents to give superior surface finish and tooling performance. Hocut 3380 is also formulated with an outstanding new package which ensures ultra long sump-life without the need for biocide additions.

APPLICATION

The high performance and non-staining characteristics of Hocut 3380 is ideal for machining aluminium, aerospace materials, and high alloy steels. Hocut 3380 is specifically designed for high-pressure coolant systems associated with modern CNC machine tools while ultra long-life and freedom from biocide additions make the product suitable for both centralised systems and single-sump machines.

ADVANTAGES

- High lubricity milky emulsion
- Chlorine-free
- Very low foaming
- Very long sump life
- No sticky residues
- Ultra long sump-life
- Excellent hard water corrosion protection
- Very safe to use
- Rolls Royce CSS approved

RECOMMENDATION FOR USE

Medium duty machining	4% - 6%
Heavy duty machining	5% - 10%
Heavy duty grinding	5% - 10%

STORAGE

Metal working coolants should be stored indoors in clean, dry conditions. Protect from frost. Recommended storage temperature is between 5ºC and 35ºC. Tops should be replaced on all containers when not in use. Use stock in delivery rotation. As with all metal working coolants, a shelf life of six months can be anticipated.

TYPICAL PHYSICAL PROPERTIES

TEST	TYPICAL VALUE	TEST METHOD
Neat concentrate		
Appearance	*Hazy brown oil*	*HI*
Specific gravity @ 15.5°C	*0.94*	*ASTM D1298*
Refractometer factor	*1.00*	*HI*
Emulsion at 5%		
Appearance	*Translucent*	*HI*
pH in use	*8.7-9.2*	*HI*

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.

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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