

Hocut 808

General purpose semi-synthetic metalworking coolant

DESCRIPTION

Hocut 808 is a blend of severely refined mineral oils, corrosion inhibitors, EP agents and boron amine long life additives. Upon dilution, the resulting translucent emulsion offers excellent sump life and good machining characteristics.

APPLICATION

A wide range of general purpose machining and grinding applications will benefit from the use of Hocut 808 with its features of versatile performance and excellent sump life.

Hocut 808 is a highly versatile product and is ideal for large machine shops with many single sump machines or in centralised systems. Most materials including titanium and nickel alloys can be successfully machined with emulsions offering good inter-stage corrosion protection.

The microfine semi-synthetic emulsion has excellent detergency keeping machines clean and is very cost effective to use with recommended concentration of 3% to 5% for most applications.

RECOMMENDATION FOR USE

General machining	4% - 6%
Ferrous grinding	3% - 5%

TYPICAL PHYSICAL PROPERTIES

TEST	TYPICAL VALUE	TEST METHOD
Neat concentrate		
Appearance	Hazy amber oil	HI
Specific gravity @ 15.5°C	1.05	ASTM D1298
Refractometer factor	1.33	HI
Emulsion at 5%		
Appearance	Translucent	HI
pH in use	8.7-9.2	HI

ADVANTAGES

- ☐ Excellent sump life
- ☐ Stable microfine emulsion
- ☐ Maintains machine cleanliness
- ☐ Cost-effective
- ☐ Good corrosion protection
- ☐ Versatile performance
- ☐ Suitable for single sumps or centralised systems
- ☐ Rolls Royce approved

CONCENTRATION CONTROL

To achieve optimum performance, freedom from micro-organisms and corrosion it is essential that coolants are maintained at the recommended concentration. The concentration can be monitored on a day to day basis using a refractometer and the attached Fluid Concentration Chart. More accurate values can be obtained using laboratory titration methods. Your Houghton Representative can advise on overall fluid control within our comprehensive Fluid Management System.

STORAGE

Metal working coolants should be stored indoors in clean, dry conditions. Protect from frost. Recommended storage temperature is between 5°C and 35°C. 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.

HEALTH AND SAFETY

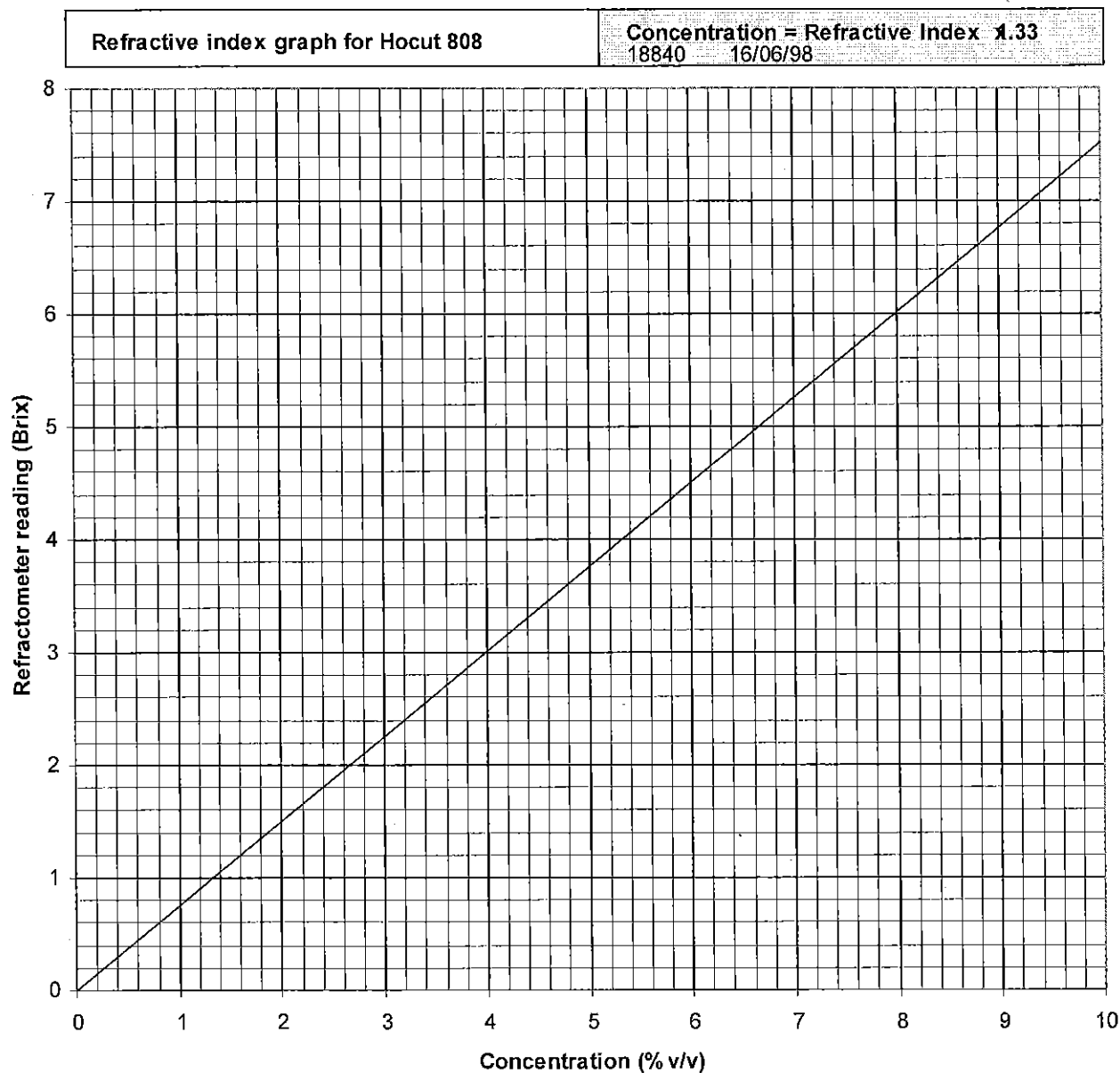
Health and Safety Data Sheets are supplied to customers to comply with Section 6 of the Health and Safety at Work Act 1974, and should be closely studied prior to handling or use of the product. Copies are available from your Technical Health and Safety Officer. Various other advisory publications are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