

HOCUT 7730

Water soluble metalworking fluid

DESCRIPTION

HOCUT 7730 is an advanced, boron-free, semi-synthetic extreme pressure emulsifiable coolant based on high lubricity synthetic esters derived from renewable sources. The advanced product gives very long life without use of boron or formaldehyde biocides

APPLICATIONS

HOCUT 7730 is recommended for heavy duty machining and grinding of ferrous materials. It is suitable for use in both single sump machines and central systems.

The mineral oil-free, extreme pressure, semi synthetic emulsion has excellent wetting properties and is recommended for extended tool-life in high speed form grinding.

HOCUT 7730 is designed primarily for soft to medium hardness water.

RECOMMENDATION FOR USE

General machining 4-6 %

Heavy duty machining 5-10 %

Ferrous grinding 4 - 6 %

TYPICAL PHYSICAL PROPERTIES

<i>Concentrate Appearance</i>	<i>Amber oil</i>
<i>Specific Gravity @ 20°C</i>	<i>0.98</i>
<i>Refractometer Factor</i>	<i>1.5</i>
<i>Emulsion Appearance</i>	<i>Translucent</i>
<i>pH in Use</i>	<i>8.9-9.3</i>

BENEFITS

- Ester based - for improved tool-life compared to mineral oil based products
- High lubricity EP emulsion - reduced tooling costs and improved surface finish for difficult operations
- Ultra long sump life - Latest technology extends intervals between clean outs
- Very stable emulsion - long fluid life, fewer additive treatments and lower usage costs
- Excellent detergency – cleaner parts, machine tools and working environment. Prevents build up of grinding swarf on machines
- Very low foaming - ideal for the highest speeds and pressures in soft to medium hardness water
- Boron-free - no SVHC classification under REACH
- Mineral oil, Boron, formaldehyde, chlorine, secondary amine and phenol -free - excellent EHS profile

RELATED PRODUCT

Water soluble coolants are complemented by our full range of high quality, speciality production fluids including energy saving wash chemicals , low misting neat cutting oils, non-VOC rust preventives and long life heat treatment fluids. Fluidcare services complete our value added portfolio with a range of expert services and equipment to help reduce costs and improve productivity. 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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