

HOCUT 5140

Water soluble metalworking fluid

DESCRIPTION

HOCUT 5140 is a fully synthetic, high quality boron-free and formaldehyde-free coolant recommended for surface and cylindrical grinding of cast-iron and ferrous metals.

APPLICATIONS

HOCUT 5140 is recommended for surface and cylindrical grinding of cast-iron and ferrous alloys over a broad water hardness range.

RECOMMENDATION FOR USE

Grinding : 3 – 5 %

TYPICAL PHYSICAL PROPERTIES

Concentrate Appearance	Transparent	
Specific Gravity @ 20°C	1.1	ASTM D 1298
Refractometer Factor	1.66	
Emulsion Appearance	Transparent	
pH in Use	9.3	

BENEFITS

- **Very high stability** : extending fluid life, for soft to hard water
- **Excellent cooling properties** : for good wheel life and part geometry
- **Rapid settlement of metallic swarf** : optimizing surface finish of components
- **Transparent solution** : excellent visibility of the work piece
- **Full rejection of tramp oil** : better working conditions, provides cleaner components, reduces degreasing and disposal costs
- **Excellent foaming behavior** : guaranteeing problem free working operations under high pressure and where good air release properties are needed
- **Excellent EHS profile** : exempt of boron, of Formaldehyde releaser biocide, chlorine, phenol, nitrite and secondary amines (TRGS 611)

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 Regulations (EC) No 1907/2006 Annex II and (EC) No 1272/2008.

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