

TECHNICAL DATA SHEET

CUT-MAX[®] 912-5

NEAT HONING AND GRINDING OIL

CUT-MAX[®] 912-5 is based on Syn2Oil base oil technology with extremely low aromatic content. This base oil provides outstanding values regarding flashpoint, air release, foam behaviour, odour and colour. A combination of polar, extreme pressure and anti-wear additives provide the oil with high load carrying properties. The oil provides good surface finish of the machined work pieces.

CUT-MAX[®] 912-5 is free from Chlorine and heavy metals (Zinc).

Applications

CUT-MAX[®] 912-5 is a high performance honing, finishing and grinding oil used for the production of bearing parts.

CUT-MAX[®] 912-5 has very high flushing power to clean honing and finishing stones. The product components are selected to reduce the black staining of the machined parts.

Recommendation for use

Prior to making any fresh fill, we highly recommend full cleaning of all system components which will be in contact with the oil.

Advice for keeping optimal oil performance and longer oil sump life:

- Avoid water contamination.
- Minimize pollution with aqueous metalworking coolants or cleaners.
- Minimize pollution with tramp-oil (hydraulic oils, slideway oils, etc.....).
- Use proper filtration unit to remove swarf and chips.
- Avoid overheating.

*Please consult a Quaker Houghton representative for any additional information.

Benefits

- Reduced cost : improved tool life due to high EP power
- Reduced cost : higher production rates due to strong lubricity
- Reduced cost : less energy consumption due to high EP and lubricity
- Simplified storage : versatile product for majority of operations in the workshop.

Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

This product has a recommended shelf life of: 24 months

Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance / Colour	Clear Yellow	[-]
Viscosity	5	mm ² /s @ 40°C
Density	810	kg/m ³ @ 20°C
Flash point (COC)	180	°C
Pour point	-15	°C
Copper corrosion	1a	ASTM D 130

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose. [410691]

