

TECHNICAL DATA SHEET

MACRON® 2425 S-14 US

METAL REMOVAL: NEAT CUTTING & GRINDING OIL

MACRON 2425 S-14 US is a high performance grinding oil, used for flute grinding on high-speed steel as well on applications with ceramic-, diamond- or boron nitride grinding wheels.

MACRON 2425 S-14 US is a chlorine-free high performance neat grinding oil and has a well-selected combination of extreme pressure and polar Additives to provide particularly high load carrying properties. Prolonged tool life and excellent surface finish of the machined work-pieces are achieved. MACRON 2425 S-14 US does not discolor non-ferrous and light metals, has a very mild odor and due to its light color, permits good observation of the grinding process.

Applications

MACRON 2425 S-14 US can also be used for grinding of spiral toothed bevel gears and flat or cylindrical grinding processes on the complete range of steels and non-ferrous metals.

Recommendation For Use

MACRON 2425 S-14 US is used neat as supplied.

Benefits

- Chlorine free
- Low aromatic components
- Low oil mist and vapor
- Free of heavy metals
- Enhanced lubricity provides extended tool life and reduces tooling cost.
- Provides improved part finish which reduces overall cost through reduced rework and scrap rates.
- Allows grinding wheels to run clean with less loading which saves money by extending time between wheel dressing and wheel changes.
- Hofler approved

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.

Typical Physical Properties

PROPERTY	TYPICAL VALUE
Appearance	Light amber liquid
Viscosity @ 40 °C , cSt	14
Specific Gravity	0.860
Flash point, COC, °C	182

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. 41242514

