

TECHNICAL DATA SHEET

QUAKERCUT® 004 PE HIGH PERFORMANCE OIL

QUAKERCUT® 004 PE is a proven performer in honing, grinding and lapping operations on alloy and carbon steel.

Applications

This light color, low odor formulation of controlled release extreme-pressure lubricants, boundary lubricants and high-quality virgin mineral oils delivers excellent honing and grinding performance without sulfurized fats or chlorinated additives.

- Honing
- Lapping
- Light Duty Grinding

Customers

- Caterpillar
- Cummins
- Diversified Machine
- Ghering L.P.
- GM Powertrain
- NN Bearings

Corporate Approvals

- General Motors LS2 approval under PMRV0925

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 shelf life of 6 months, and it should be stored out of direct sunlight in temperatures between 40°F (4°C) and 110°F (43°C).

Benefits

- Unique combination of film strength, friction reduction and extreme pressure lubrication assures optimum stone life, surface finish, and prevents metallurgical burns
- No objectionable odors and does not encourage dermatitis
- Does not contain any material shown to be a carcinogen by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), or OSHA
- Low viscosity improves cooling and minimizes consumption. Metal can be removed faster and less fluid is lost due to drag out

Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Clear Amber	
Pounds per gallon at 60°F	6.99	lbs/gal
pH (Neat)	Not Water-Soluble	
Flash Point via COC	136 277	°C °F
Odor	Bland	
Viscosity at 100°F	40 4.0	SUS cSt



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Fluid Maintenance

This product is used without dilution as received. Typical diluent oils and/or solvents should not be used to reduce the viscosity of this product. The use of these types of diluents will greatly decrease the product's performance characteristics. Since this product is used as received, concentration control is not an issue.

Cleaning and Protecting

To clean and protect after the metal removal operation, use QUAKERCLEAN® (cleaners) and FERROCOTE® (corrosion preventives) to enhance process compatibility. Consult your Quaker Houghton representative.

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. 014389

