

TECHNICAL DATA SHEET

QUAKERDRAW® CH 1000 CHLORINE FREE METALFORMING LUBRICANT

QUAKERDRAW® CH 1000 is formulated to be a "cost effective" alternative to more expensive lubricants used in cold forging and heading.

Applications

QUAKERDRAW® CH 1000 offers high performance without the use of chlorine and has been designed for use with both regular and alloy-coated tooling. It is suitable for multiple stage operations.

Cleaning and Protecting

To clean and protect, after the drawing and stamping operation, use Quaker Houghton cleaners (QUAKER-CLEAN®) and corrosion preventives (FERROCOTE®) to enhance process compatibility. Consult your Quaker Houghton representative.

Fluid Maintenance

Use as received. Do not dilute

Customers

- Delphi
- Huck Manufacturing
- Industrial Chemical Co.
- Industrial Fluid Systems

Benefits

- Superior lubrication to increase die and punch life
- High film strength additives reduce scratching and galling on parts and dies
- Parts processed with this product are easily cleaned with solvent or alkaline cleaners
- Chlorine-free, does not contain any chlorine lubricants or additives

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).

Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Clear Yellow	
Pounds per gallon at 60°F	7.5	lbs/gal
Odor	Petroleum	
Flash Point (COC)	215 419	°C °F
Viscosity at 100°F	533 115	SUS cSt
VOC (ASTM E1868-10 TGA)	3.9	g/L

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. 013970

