

METAL FORMING FLUIDS

QUAKERDRAW® CH 1000 METALFORMING LUBRICANT APPLICATION SHEET

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
- » **Does not contain pigments, graphite, molybdenum disulfide or any other solids**
- » **Excellent corrosion protection** that will not stain or corrode parts or machines

APPLICATIONS

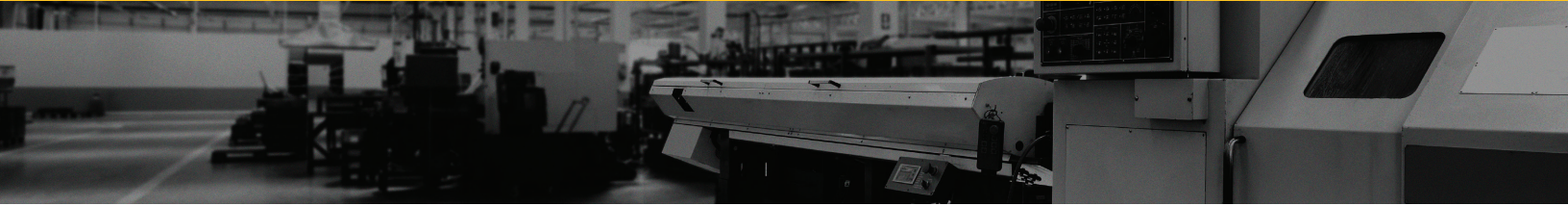
QUAKERDRAW® CH 1000 is formulated to be a “cost effective” alternative to more expensive lubricants used in cold forging and heading. It offers high performance without the use of chlorine and has been designed for use with both regular and alloy-coated tooling. It is suitable for multiple stage operations.

STORAGE AND HANDLING

QUAKERDRAW® CH 1000 is available in drums (54 gal/405 lbs) or totes (320 gal/2,400 lbs). All containers are filled to volume by weight. This product has a shelf life of 6 months. Like most chemicals, it should be stored out of direct sunlight in temperatures between 40°F (4°C) and 110°F (43°C).

PROPERTIES

PROPERTY	TYPICAL VALUE
Appearance	Clear Dark Amber
Pounds per gallon at 60°F	7.5 lbs/gal
Flash Point (COC)	419°F / 215°C
Viscosity at 100°F	487 SUS / 105 cSt
Odor	Petroleum
VOC (ASTM E1868-10 TGA)	3.9 g/L



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CLEANING AND PROTECTING

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

FLUID MAINTENANCE

Use as received. Do not dilute

CUSTOMERS

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

quakerchem.com | 1.800.523.7010