

TECHNICAL DATA SHEET

FERROCOTE® 6130 METAL FORMING LUBRICANT

FERROCOTE® 6130 is an oil-based drawing and forming lubricant that can be used for blank washing, blanking, stamping, and bending operations.

Applications

FERROCOTE® 6130 is designed to be applied to ferrous and non-ferrous metal surfaces in any of the aforementioned operations while offering in-process and final protection for the formed part.

Meets South Coast Air Quality Management District (SCAQMD) 2012 requirements under Rule 1144, ASTM E1868-10 (TGA) for metal protecting, general (corrosion preventives). This product can be applied by:

- Flood
- Flow-on
- Immersion
- Wipe-on
- Electrostatic
- Spray

Customers Approvals

- Chrysler NPM #47-125-4052
- Ford TOX #160905
- General Motors FID #343783

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

Benefits

- Formulated with extreme pressure and polar additives to provide excellent metal forming lubrication
- Protection against normal humidity and acidic atmospheres found in industrial environments. The protection is equivalent of 15 days in the JAN H-792 Cabinet
- Specified and used by automotive manufacturers and steel mills
- Parts processed with this product are easily cleaned in typical industrial cleaning lines. Alternately, parts can be readily cleaned using solvent or alkaline cleaners

Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Clear Amber	
Pounds per gallon at 60°F	7.44	lbs/gal
VOC (SCAQMD ASTM E1868-10)	6.42	g/l
Flash Point via COC	218 / 425	°C/°F
Odor	Oil-Like	
VOC (EPA Method 24)	0.0	lbs/gal
Viscosity at 100°F	130 / 28	SUS / cSt



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Customers

- Algoma Steel
- American Lubricants
- ArcelorMittal - Brazil & Europe
- China Steel Corporation Taiwan
- Chrysler
- Dilmar Oil Co.
- Ford Motor Company
- General Motors
- Nissan North America
- PSA
- Renault
- TATA
- TKS Anshan Steel China
- TKS Steel Europe AG
- Vehtek Systems
- Wisco - China
- Worthington Specialty Products
- Wuhan Steel - China

Fluid Maintenance

This product is used as received. It should not be diluted with any type of solvent or oil. Dilution will significantly reduce its performance and quality. It can be applied by normal application methods. Concentration control is not an issue with this product because it is used as received. Please consult your Quaker Houghton representative for more information on proper fluid maintenance.

Compatibility

To enhance process compatibility, use Quaker Houghton metalworking fluids and cleaners. 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. 013705

