

# TECHNICAL DATA SHEET

## FERROCOTE® 5856 BF T1 METAL PRESERVATIVE - GLOBAL BEARING APPROVAL

FERROCOTE® 5856 BF T1 is a barium-free, solvent-dispersed corrosion preventive providing 1-5 years of indoor protection of ferrous and non-ferrous bearing surfaces.

### Applications

FERROCOTE® 5856 BF T1 is formulated with a unique balance of polar additives that provides exceptional corrosion protection. It offers excellent water displacing and fingerprint neutralization performance characteristics. Its inherent versatility offers application flexibility using spray, immersion, flood or flow-coat techniques.

### Recommendation for Use

FERROCOTE® 5856 BF T1 is a global product extensively used for numerous industrial metalworking corrosion preventive applications.

### Customers

- Baldor
- Borg Warner
- Caterpillar
- INA (Schaeffler Group)
- Koyo
- Metaldyne
- NN Ball
- Timken
- Virginia Forge

### 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

- Up to five years of indoor protection from rust and corrosion in original packaging depending on storage conditions and tight process control
- Rapidly displaces moisture and can be used to treat wet parts with no loss of protection
- Fingerprint neutralization attributes which counteract the effect of acid residues from fingerprints
- Protection of many metals, reducing costs and simplifying the overall operation

### Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Clear Amber	
Pounds per gallon at 60°F	6.91	lbs/gal
Pour Point	-18   < 0	°C   °F
Flash Point via COC	80   176	°C   °F
Odor	Bubble gum	
Copper Corrosion (max) ASTM D 130	1B	
Film Thickness (typical)	0.13	mils
Viscosity at 100°F	36   3	SUS   cSt
Dirt Content	<30   100	mg   ml
Moisture	<0.50	%

### Compatibility

To enhance process compatibility, use Quaker Houghton metalworking fluids and cleaners. Consult your Quaker Houghton representative.



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### Fluid Maintenance

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Dilution is possible with the appropriate solvent or oil.

Reservoirs of this product should be checked regularly for moisture content, corrosion protection properties, and inorganic build-up to insure optimum product performance.

Recommended fluid application temperature of 68-85°F / 20-30°C.

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. 013315

