

Application Sheet

FERROCOTE® 5856 BF LVO

Metal Preservative, High Flash Point



APPLICATIONS

FERROCOTE® 5856 BF LVO is a barium-free, high flash point, low volatility solvent-dispersed corrosion preventive providing 1-5 years of indoor protection of ferrous and non-ferrous bearing surfaces. This product 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.

BENEFITS

FERROCOTE® 5856 BF LVO provides:

- Up to 5 years of indoor protection from rust and corrosion depending on storage conditions and process control conditions.
- Rapidly displaces moisture and can be used to treat wet parts with no loss of protection. Passes MIL-C-16173 requirements.
- Fingerprint neutralization attributes which counteract the effect of acid residues from fingerprints. Passes MIL-C-15074 requirements.
- Safety attribute associated with high flash point.
- Low odor due to low volatility solvent.
- Reduced processing costs. High degree of compatibility with most bearing oils and greases means no need to remove the thin film.

- Protection of many metals. The protection is the equivalent of >30 days in the JAN H-792 Cabinet (ASTM D 1748).
- Thin film protection that is almost imperceptible making inspection, handling, and packaging easier. Residual film will not stain or varnish on metal-to-metal contact.
- Improved environmental compliance. Does not contain any barium or other heavy metals.
- Protection of ferrous and non-ferrous metals for exportation and transportation through varying dew point regions.

CUSTOMERS

- Caterpillar
- Federal Mogul

FLUID MAINTENANCE

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.

*Application Sheet***FERROCOTE® 5856 BF LVO****PROCESS COMPATIBILITY**

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

PACKAGING/STORAGE

FERROCOTE® 5856 BF LVO is available in drums (54 gal/395 lb) or totes (320 gal/2339 lb). All containers are filled to volume by weight.

This product has a shelf life of 12 months. Like most chemicals, it should be stored out of direct sunlight in temperatures between 40°F (4°C) and 100°F (38°C).

PROPERTIES - CONCENTRATE

PROPERTY	TYPICAL VALUE
Appearance	Clear Amber
Pounds per gallon at 60°F	7.30 lb./gal.
Flash Point via COC	230°F / 110°C
Pour Point	Below 0°F / -18°C
Viscosity at 100°F	70 SUS / 13 cSt
Coverage per Gallon	750 ft ²
Film Thickness	0.10 - 0.15 mils
Copper Corrosion (Max) ASTM D130	1B
Dirt Content	<30 mg / 100 ml
Moisture	<0.50%

Prior to using this product, consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues. The information contained herein is based on data available to us and is believed to be accurate. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR TO BE IMPLIED, REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE THEREOF, OR THE HAZARDS CONNECTED WITH THE USE OF THE PRODUCT. Quaker Chemical Corporation assumes no liability for any alleged ineffectiveness of the product or any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is solely attributable to negligence on the part of Quaker Chemical Corporation.