

CORROSION PREVENTIVE

FERROCOTE® EGL 1 **RUST PREVENTIVE - AUTOMOTIVE APPROVED** **APPLICATION SHEET**

BENEFITS

- » Increased humidity protection in more humid and higher temperature climates
- » Increased robustness to wet-temper carry through
- » Ease of cleanability
- » Ease of application
- » Approved by GM, Ford, Chrysler, Nissan, Mitsubishi

APPLICATIONS

FERROCOTE® EGL 1 is an oil dispersed rust preventive providing medium to long term indoor protection of ferrous and non-ferrous surfaces. This product provides high humidity protection and has built-in protection against acidic components in normal industrial atmospheres.

FERROCOTE® EGL 1 has excellent resistance to staining and varnishing on storage on metal-to-metal contact, especially with moisture contamination present. This property has provided excellent resistance to “puddle stain” when used as slushing oil for sheets and coils, including cold rolled and galvanize in the steel industry.

FLUID MAINTENANCE

FERROCOTE® EGL 1 is used as received and may be applied via immersion, flow-on, flooding, electrostatically or wipe on. Dilution with any oil or solvent will decrease this preventive's performance.

Please consult your Quaker representative for more information on proper fluid maintenance.

PACKAGING AND STORAGE

FERROCOTE® EGL 1 is available in drums (54 gal/405 lbs), totes (320 gal/2,400 lbs) or bulk tank truck. 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 110°F (43°C).

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PROCESS COMPATIBILITY

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

PROPERTIES

PROPERTIES	TYPICAL VALUES
Appearance	Clear Amber Fluid
Pounds per gallon at 60°F	7.50 lbs/gal
Flash Point via COC	360°F / 182°C
Fire Point via COC	380°F / 193°C
Viscosity at 100°F	130 +/- 25 SUS
Pour Point	Below 0°F/ -18°C
Specific Gravity @ 60°F	0.899
Coverage per Gallon @ 150 mg/ft ²	22,600 gal/ft ²
Film Type	Thin Oily Film

PERFORMANCE TESTS

Clear Amber Fluid	12-17 days
SO ₂ Test	No Stain

CUSTOMERS

- » AK Steel
- » Arcelor Mittal
- » Double Eagle Steel
- » Duferco
- » Kasle Metal Processing
- » Nucor Steel
- » Precision Strip
- » RSDC
- » Severstal NA
- » Steel Technologies
- » Taylor Coil Processing
- » Ternium
- » US Steel

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