

CORROSION PREVENTIVE

FERROCOTE® 6130 **BLANK-WASHING RUST PREVENTIVE OIL**

APPLICATION SHEET

BENEFITS

- » High protection: up to over 20 cycles DIN 50017-SFW on Steel and Zinc coated steel
- » Excellent lubrication on Zinc coated surfaces
- » Easy application, also in roll-on systems
- » No hazardous components, Barium free
- » Low aromatic content
- » Good cleanable

APPLICATIONS

Blank wash and protective oil for steel and aluminium sheets. It is a good corrosion preventive for transport and medium protection at indoor storage. Good wetting and active protective film. It combines a low viscosity with excellent deep-drawing characteristics.

The low viscosity allows application by rolling and spraying. Excellent film control can be obtained by electrostatic spraying. No heating required for electrostatic spraying: spraying at room temperature is recommended. Good blow-off of wet temper fluid is required before application of protective oils. The product can be used on all surfaces, also very rough. Recommended film weight [gr/m²] = 0.8 * Ra [µm].
Applicable only on clean and dry surfaces. The metal surface must be free of corrosion before applying our product.

FLUID MAINTENANCE

Quaker rust preventives products -if used properly- generally need a low level of maintenance. For thixotropic products in order to apply an even film it is important to break the gel structure using heat, high shear (e.g. circulation through a pump) or by addition of a suitable diluent. For critical applications such as final preservation of bearing parts it is advisable to test critical parameters periodically and to pay attention at all times to the application method to ensure good wetting properties and an evenly applied film. The 'dry film' coverage is critical to maintain the corrosion protection under good storage conditions. For dewatering products, when re-using the overspray it is recommended to keep a close eye if water has contaminated the fluid and the demulsification properties. If the overspray is stored, remember to regularly drain off any water separated prior to reapplying the product. For more detailed information or instructions please consult a Quaker representative.



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STORAGE/PACKAGING

Quaker Chemical can supply this quality product in drums, in containers and in bulk. Other packages can be made available by Quaker Chemical or by distributors upon request.

As with all metalworking products, FERROCOTE® 6130 should be stored in dry conditions and protected from extreme temperatures:
4 - 40 °C is the recommended storage temperature.

FERROCOTE® 6130 is unlikely to present any significant health or safety hazard when used as recommended by Quaker. Good standards of personal and industrial hygiene are to be maintained by the user (see Material Safety Data Sheets).

OPERATING PARAMETERS

Film type	Oily
Protection Indoor (months)	6 - 12
Outdoor Storage (months)	NR
Emulsifiable	
Dewatering	
Thixotropic	
Fingerprint	●
Noise reduction	

APPLICATIONS

Immersion	●
Brush	●
Spray	●
Electrostatic	●

MATERIALS

Ferrous	●
HDG coated steel	●
Galvannealed steel	●
Stainless steel	○
Aluminium alloys	●
Copper alloys	●

● Main application ○ Possible application

PROPERTIES

PROPERTY	TYPICAL VALUE	UNIT
Appearance / Colour	Clear Light Amber	[-]
Viscosity	26	[mm ² /s @ 40 °C]
Density	896	[kg/m ³ @15 °C]
Flash point (COC)	> 180	[°C]
Pour point	<-6	[°C]
Copper corrosion	1a	[-]
Drying time (mn)	NA	[mn]
Coverage (gr/m ²)	3 - 6	[g/m ²]
Humidity Cabinet (cycle)	>35	[rounds, ISO 6270 AHT]
Salt Spray (h)	8	[hours, DIN 50021 SS]

These characteristics are typical of current production and can't be used as a specification.

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Prior to using this product, consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues.

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