

ANTICORIT DFO 8101

Dewatering / Corrosion Preventive Oil

Description

ANTICORIT DFO 8101 is our newest generation barium free corrosion preventive and dewatering fluid that produces a thin, oily film. The new formulation considerably improves the performance of the product, providing for example better demulsifying and corrosion protective properties. Because of the carefully chosen additives, ANTICORIT DFO 8101 is almost odourless.

ANTICORIT DFO 8101 is used for the corrosion protection of metal parts, tools, machine components, gears, motors and spare parts. The thin, oily film is compatible with all conventional motor and gear oils and does not have to be removed before installation or start up.

ANTICORIT DFO 8101 is stable against acidic or alkaline contamination and is therefore especially suitable for use in the galvanising industry for conservation and drying.

ANTICORIT DFO 8101 is suitable for inter-process, storage, and also as transport protection of components. It may be combined with VCI-products. We recommend the application of ANTICORIT VCI products.

By the implementation of a fluorescent dye, an optical detection of the product on the metal surface is possible.

Application

ANTICORIT DFO 8101 is typically used in dipping-baths. It can also be sprayed. The valid safety regulations have to be taken into account.

ANTICORIT DFO 8101 can be removed with water based industrial cleaners or with solvents of the RENOCLEAN series. In some applications removal is not necessary as ANTICORIT DFO 8101 is compatible with common lubricants.

Advantages

- Odourless
- Intensive and improved dewatering
- Good corrosion protection
- Thin, oily film
- Many uses
- Free of barium
- Very good compatibility with many materials

Storage conditions

If sealed in the original container the product can be stored at temperatures between + 5 °C to + 40 °C for 3 years.

The indication of a minimum period of storage does not include any guarantee of durability.

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Typical chemical and physical properties:

Property	Unit	Value	Test method
Colour		2,5	DIN ISO 2049
Flashpoint	°C	>61	DIN EN ISO 2719
Density at 15 °C	kg/m ³	780	DIN 51 757
Film weight	g/m ²	1.0	FLV-F-03 *)
Evaporation residue	%	9	FLV-V-01 *)
Water displacement in 3 min	%	90	FLV-W-03 *)
<i>Corrosion Protection Data (St 1405) at 1.0 g/m²</i>			
Salt spray test	h	>20	DIN EN ISO 9227
Alternating humidity test	cycles	>30	DIN EN ISO 6270-2 AHT
Copper strip test (3h / 100°C / 0,01% sulphur)	-	1	DIN EN ISO 2160

The above data is typical of normal production and should not be taken as a specification.

*) FLV = Test procedure of FUCHS SCHMIERSTOFFE GMBH