microGLEIT®
TRIBOLOGY SOLUTIONS

DCP 9185

„THE GLOSSY SEALANT“

microGLEIT DCP 9185 is a transparent suspension of microWHITE lubricants, which is free of hazard labelling! It provides a transparent, glossy sealant layer especially for parts with black passivation.

Product Features

microGLEIT DCP 9185 is a top coating, building a transparent, glossy sealing on top of the given surface layer. DCP 9185 is especially designed for ZnNi- and ZnFe-layers with black passivation.

- Glossy, transparent sealant
- Good adhesion on various materials, high abrasion resistance
- No impact on substrate materials
- Environmentally friendly, no hazard labelling required
- Suitable for use on automated assembly lines

Product Applications - Examples

Typical applications of microGLEIT DCP 9185 are bulk parts, which have to be coated economically with a dry film sealant. It provides a glossy dry film layer with fair lubrication properties – the friction values are somewhat higher (μ_{total} ~0,14 to 0,20; (depending on substrate)).

Typically DF 9185 is applied on:

- Galvanically refined bolts and nuts
- Bulk parts with inorganic metal coatings
- Anchors, dowels

Instructions for Use

- microGLEIT DCP 9185 is supplied ready to use. Due to its stable formulation, the (non-diluted) product does not need additional homogenisation (stirring) – it may be diluted according to local requirements. Please protect from frost!
- In case DCP 9185 has to be diluted, please use water with drinking water quality – de-ionised water is preferred. The water is added to the product slowly with constant stirring.
- The parts to be coated have to be free from oil and dirt.
- For best film building we recommend to preheat the parts to approximately 40–45 °C / 104–113 °F.
- After wetting of the parts they have to be dried with hot air at ~50 to max 60 °C / ~ 122–140 °F.
- In order to avoid condensation water on the parts, we recommend to pack the parts only after cooling down to ambient temperature.
- It is important to control the bath concentration regularly — please ask us for instructions.
- The pH-value has to be controlled regularly. The pH-Value must not drop below 8 (risk of flocculation). Please avoid contamination of the coating bath by acids from previous process steps.
- In order to prevent unwanted foaming of the coating bath, too heavy circulation or stirring of the bath should be avoided. A suitable antifoam additive can be ordered under the name „microGLEIT AF-90“.
- Keep bath and container closed in order to avoid unwanted evaporation and contamination!

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Product Characteristics microGLEIT DCP 9185

Characteristic	STANDARD / PARAMETER	UNIT	DCP 9185	
Appearance (Delivered)	visually	—	transparent liquid	As Delivered
Density	DIN 51757	g/cm3	~ 1	
Viscosity	DIN 53211 / 3 mm	s	23 – 33	
Diluent	—	—	water („drinking water quality or de-ionized")	
pH-Value	—	—	8 - 10	
Available Packagings	—	—	20 kg Can/ 200 kg Drum 600/1000 kg IBC	
Minimum Shelf Life (Closed Original Container)		months	12	
Safety Instructions	—	—	—	
Appearance (applied)	visually	—	transparent, glossy	Applied
Operation Temperature	—	°C /°F	-40 to +120 / -40 to +248	
Screw Test	Friction Value µ	—	0,14 – 0,20	

Dilution Ratio (DF 9185 : Water) Depending on Coating Process and Specific Requirements			
Dip-Spin Equipment	Immersion Drum	—	Process
pure to 1 : 0,25	—	—	