



DCP 9108

SEALANT FOR ZINC- AND ZINC-ALLOY LAYERS

microGLEIT DCP 9108 is a water based suspension of microWHITE solid lubricants including a special additive package against corrosion on zinc-based surfaces.

Product Features

microGLEIT DCP 9108 is a top coating building a non-visible sealing on the surface of parts with zinc or zinc-alloy layers (Zn; Zn-Ni, Zn-Fe, etc.), especially Cr-VI-free passivated versions. After application, the dry film provides very good corrosion protection and very good lubrication properties:

- Transparent sealant (top-coating)
- High adhesion on a wide variety of materials
- No impact on the substrate material
- High yield

Product Application

microGLEIT DCP 9108 is meeting the requirements of the automotive industry for the corrosion protection of Chrome-VI free surfaces and in some cases even exceeding the requirements.

microGLEIT DCP 9108 is a coating/sealant for zinc- and zinc-alloy layers. It is suitable for all known chromate coatings (blue, yellow, black, olive, etc.) – especially all chrome-VI-free variants.

Instructions for Use

- microGLEIT DCP 9108 is supplied ready for use – it may be diluted up to 1:1.
- Please protect from frost!
- If not used as supplied microGLEIT DCP 9108 can be diluted with water (at least drinking water quality). 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 25 to 45 °C.
- DCP 9108 typically is applied with dip-spin equipment, coating in immersion drums is also possible.
- After wetting of the parts they have to be dried with hot air at ~50 to max 60 °C.
- 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 must not drop below 8 (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 de-foaming additive can be ordered under the name „microGLEIT AF-90“.
- Keep bath and container closed in order to avoid unwanted evaporation and contamination!

Product Characteristics microGLEIT DCP 9108

Characteristic	Standard/ Parameter	Unit	DCP 9108	
Appearance (as delivered)	visually	—	transparent liquid	As Delivered
Density	DIN 51757	g/cm ³	~ 1,05	
Viscosity	DIN 53211 / 3 mm	s	16 to 24	
Thinner	—	—	water („drinking water quality or de-ionized“)	
pH-Value	—	—	~10 - 11,5	
Available Container Sizes	—	—	20 kg canister 200 kg drum – 600/1000 kg IBC	
Usable Life - Closed original container		months	12	
Handling Precautions	—	—	see SDS	
Appearance (Applied)	visually	—	transparent, colorless	Applied
Service Temperature	—	°C	-40 to +200	
Friction value μ	Screw-Test	—	0,2–0,28	
Typicall Layer Thickness		μm	~ 0,4 – 1	
Corrosion Protection on ZnNi	Salt-Spray Test	h	1200 to red rust	