

# PERIGOL® 100 CORROSION PROTECTION OIL

*THE CORROSION PROTECTION WHICH COMES OUT OF THE PACKAGING*

## ADVANTAGES

- extended corrosion protection in combination with all EXCOR® VCI products for extreme requirements
- simple application
- hydrolysis-resistant, ester-free, non-emulsifiable
- barium-free
- very good KTL compatibility
- easy removability also after storage
- slightly thixotropic
- multifarious application

## PRODUCT DESCRIPTION

PERIGOL® 100 is a solvent-free, hydrolysis-resistant, and in water non-emulsifiable corrosion protection agent for temporary corrosion protection, particularly of ferrous base metal, bare or partially galvanised steel and cast iron, but can also be used for other types of metal.

Its primary application is the pretreatment of particularly corrosion-sensitive metal surfaces to protect them even before their packaging with EXCOR® products, e.g. during internal transport. Since PERIGOL® 100 is completely compatible with the EXCOR® VCI System, pre-treated metal surfaces can be packaged with EXCOR® products without additional treatment such as cleaning.

PERIGOL® 100 can be used in immersion or spray processes. Due to its thixotropic properties, the drip-off time after application is shortened, the effective coating thickness increased and the temperature stability of the active layer increased up to approximately 60° C. For a brief period (5 to 10 minutes) PERIGOL® 100 is temperature-resistant up to 100° C. PERIGOL® forms an oily, non-wipe-proof film on the parts, which can also be removed with aqueous alkaline media after storage of the parts. With a viscosity of 10 mm<sup>2</sup>/s PERIGOL® 100 is optimally suitable for low-pressure, airless spray applications (hand-pump sprayers, membrane spray pistols). In sheet metal coating PERIGOL® 100 is compatible with subsequent processes such as gluing, degreasing and cathodic dipping lacquer.

Additional products from the PERIGOL® Product Range are available on request.



## TECHNICAL INFORMATION

### DELIVERY FORMS

- 10 l metal canister with 8 kg contents, 32 canisters/pallet
- 200 l drum with 170 kg content

### DISPOSAL

- perform hazardous waste disposal in accordance with the ordinance on the treatment of hazardous wastes.
- contaminated packages are to be optimally emptied. After appropriate cleaning, they can be used again.

<b>Chemical composition</b>	Corrosion protection additive (sulphonate basis), specially refined mineral oils and fatty acid derivatives.		
<b>Application</b>	The application of the ready-to-use corrosion protection oil is achieved by immersion. It can also be applied by spraying.		
	material temperature	20°C to 60°C	
	immersion time	< 30 s	
	drip-off time	10 - 15 min.	
	layer thickness (depends on application)	1 - 5 µm	
	removability	in accordance with VDA 230-201	given
	KTL compatibility	given	
<b>Characteristic product data</b>	colour	ISO 2049	1,5 ± 0,5
	density/15° C	DIN EN ISO 12185	870 ± 15 kg/m³
	viscosity/40° C	DIN 51562	10,0 ± 1,5 mm²/s
	defraction index n <sub>D</sub> <sup>20</sup>	DIN 51423	1,4750 ± 0,002
<b>Corrosion protection test</b>	alternating climate test/50°C	DIN 50017	at least 10 cycles
	sheltered outdoor weathering	12 months	
	sheltered indoor storage	12 months	
<b>Storage</b>	Agitate product at temperatures between +10° C and +30° C before use.	at least 12 months	
<b>Approval</b>	Approvals exist from: BMW AG, DaimlerChrysler AG (DBL 6747.05 and DBL 6757), Volkswagen AG (AKR 348 200).		

Existing product information should allow the user to make an initial selection and contains neither the guarantee of a product nor the assurance of a property. Even the information in the technical paper does not free the user from the necessity of testing the product before using it. On request we will also gladly provide samples for you.