

## PERIGOL® DW 100 oil

PERIGOL® DW 100 is a solvent-based anti-corrosion agent with outstanding dewatering properties for temporary corrosion protection of ferrous metals, uncoated or partly galvanized steel, and cast iron. However, it is suitable for all other sorts of metal.

Its main application is to remove moisture and the corrosive salts dissolved in it from damp metal surfaces that are susceptible to corrosion. At the same time, an anti-corrosion film is applied, which protects the metal parts until they are packed in EXCOR® products.

As PERIGOL® DW 100 is compatible with the EXCOR® VCI system with out restriction, pre-treated metal surfaces can be packed using EXCOR® with no further treatment.

It is advisable to use PERIGOL® DW 100 in an immersion process as this is the only way to ensure that water is repelled from the component's surface. Spray application is only recommended for dry component surfaces. PERIGOL® DW 100 forms a non-slip film on treated parts with a dry layer of approx. 1 µm. The solvent content means that the drying time at room temperature is approx. 30 minutes. As residues of the solvent on the component surface can impair the VCI effect, a drying phase must be observed before packing. The solubility of PERIGOL® DW 100 in gasoline and diesel means that cleaning of the metal surfaces before installation is not necessary.

### ADVANTAGES

extended corrosion protection in combination with all EXCOR® VCI products

extremely good displacement of water

non-slip

very fast drying

outstanding corrosion protection

soluble in gasoline and diesel

**EXCOR®: The corrosion protection that comes from the packaging!**

### Protective effect\*

Type A: steel, galvanized steel, Cu, brass, aluminum 2xxx (Cu), Mg alloys possible, cast iron

\* For metal parts with unusual surface finishes, e.g. very rough surfaces or adhesive residues from processing agents, it is advisable to carry out tests using model packaging in a climate that simulates actual conditions before using EXCOR® VCI materials on a large scale. Climate test cabinets and chambers (up to a volume of 16 m<sup>3</sup>) are available for this purpose at EXCOR® Korrosionsforschung GmbH in Dresden.

# PERIGOL® DW 100



## Technical data

### Chemical composition

Sulfonate-based anti-corrosion additives, hydrocarbon polymerisates, dewatering additives and paraffinic hydrocarbons free from aromatic compounds.

### Application

The application of ready-made PERIGOL® DW 100 is normally carried out by immersion, but spraying is also possible. The product forms a non-slip film on the parts with a dry layer thickness of approx. 1 µm. The extremely quick drying time of the film at room temperature should be emphasized. Drying time approx. 30 mins. at room temperature.

Material temperature 20 °C to 60 °C

Immersion time > 15 s

Drip-off time < 3 min.

Layer thickness 1 µm

Removal aqueous alkaline > 80 °C

### Product specifications

Density/15 °C DIN EN ISO 12185 780 kg/m³

Viscosity/40 °C DIN 51562 approx. 1.8 mm²/s

Flashpoint DIN EN ISO 2719 > 60 °C

### Corrosion protection tests

Open hall storage (central European climate) approx. six months

Change of climate/ 50 °C DIN EN ISO 6270-2 approx. 30 cycles

### Storage

At temperatures of +15 °C to +30 °C. Stir product before using! min. 12 months

### Approvals

Meets the specifications of Daimler AG, DBL 6992.22.

## Delivery forms

20 l canister containing 15.6 kg  
16 units/pallet

200 l barrel containing 156 kg

1000 l IBC (intermediate bulk container)  
containing 780 kg

## Disposal

Disposal in accordance with official regulations. Contaminated packaging should ideally be emptied and can be recycled after appropriate cleaning.

This product information is intended to allow the user to make an initial selection and does not include any product warranty or guarantee of any properties. The information in this technical section also does not absolve the user from testing a selected product in experiment before using it. We will be happy to provide samples for this purpose on request.

## Contact us at:



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