

## CORES DF-5

### RUST PREVENTIVE OIL

#### PRODUCT DESCRIPTION

CORES DF-5 is a solvent-free, water-repellent anti-corrosion oil made by blending refined mineral oils and anti-corrosion additives. It is suitable for general industrial use.

#### APPLICATION / USAGE

Metal surfaces generally undergo special surface treatment after machining operations. However, the surface can be damaged by corrosion.

CORES DF-5 is used to protect metal surfaces from atmospheric influences and metals from oxidation. It is successfully used to protect pipes, profiles and small parts manufactured with water or coolants from corrosion in the package.

CORES DF-5 is also used to protect wetted materials from corrosion during galvanizing during interim storage, assembly and manufacturing.

The thickness of the film layer on the material is an important factor in the maximum duration of protection. The layer thickness can be changed depending on the type of application and the material surface. Application can be done by dipping, spraying or rolling. To ensure effective protection, the dipping method is particularly recommended.

#### ADVANTAGES / BENEFITS

- It has good lubrication
- Provides good protection against fingerprint corrosion
- It does not contain heavy metals like barium
- It provides protection by entering between water and material when water is on the material
- Versatile product that adapts to certain conditions
- Can be easily cleaned with solvents and alkaline degreasers

#### STORAGE

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature must be between +5 and +40°C.

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."

00.2021.04.01



**CORES DF-5**  
**RUST PREVENTIVE OIL**

TECHNICAL PROPERTIES	TEST VALUES	TEST METHOD
Appearance	Dark brown, clear	-
Density (20°C, g/cm <sup>3</sup> )	0,875	ASTM D 4052
Refractive Index (n <sub>D20</sub> )	1,4810	ASTM D 1218
Kinematic Viscosity (40°C,ct)	17,5	ASTM D 445
Flash Point (°C)	160	ASTM D 92
Film Thickness (µm)	3-7	BLN-127 *
Water Displacement (%)	100	BLN-77 *
Protection Time, Indoor (month)	6-12	-
Film Type	Oily Layer	-

\* BLN: Test Procedure of Belgin Oil

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."

00.2021.04.01

