

Product data sheet

2018

semaDT 180

VCI Depot film

Code: 9023

PRODUCT DESCRIPTION

VCI stands for Volatile Corrosion Inhibitor and means volatile corrosion inhibitor. Volatile corrosion inhibitors provide fast and effective protection of metal surfaces. The transparent VCI depot film semaDT180 can be used immediately after washing and drying the metal products. A waiting time is not necessary.

After packaging the freshly processed, usually still warm metal parts, the VCI molecules immediately penetrate out of the depot film. They enclose the metal surface so tightly that no water molecules can accumulate. This protects the metal surface.

Corrosion protection over many years - A good argument to opt for the VCI depot film semaDT180 to decide

APPLICATION

Military, defence industry, metallurgy, machinery, automotive and household goods
Iron and steel products, ferrous metal products such as cast steel, alloy steel and carbon steel
Sea transport and long-term storage of valuable metal components

THINKING ABOUT THE ENVIRONMENT

Protects immediately & efficiently
Simple & cost-optimized
Stocked goods WITHOUT loss of inhibitor

NO primary, secondary or tertiary amine compounds
NO nitrite compounds

TEST OF THE PROTECTIVE EFFECT

In the IKS Korrosionsschutzinstitut Dresden the depot film sema DT 180 was subjected to a K-test piston test, distance test. This test was carried out on the basis of the Volkswagen AG Konzernnorm VW 50164 Ausgabe 2013-06.

Protokoll PL200/010/17

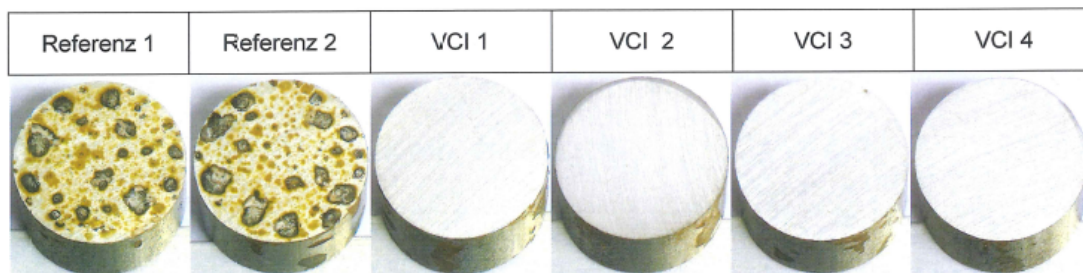
EVALUATION

The VCI depot film semaDT 180 has been tested in the normal and intensified tests for with level 3 the best corrosion protection effect, achieved

level 0 – bad grade

level 3 - best grade

Abb.1 Depot film semaDT 180 / VCI 1 bis VC4



SAFETY INSTRUCTIONS

If the VCI depot film semaDT 180 is used as intended and processed properly, no adverse effects have occurred. According to our previous experience and the information available to us, semaDT 180 does not cause any adverse health effects if handled properly and in compliance with the necessary precautionary and industrial hygiene protective measures when handling VCI films. Our information is based on our current knowledge and experience. They do not release the user from his responsibility to carry out tests on the suitability of our products for the intended purpose due to the large number of possible influences during processing and application. Applicable laws and regulations as well as possible industrial property rights must be observed.

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