

HOSMAC - K 50

Multifunctional Synthetic Corrosion Preventive and Supplement

Product Information

HOSMAC - K 50 is a multifunctional, mineral-oil-free corrosion preventive and supplement. It is designed to be used as a corrosion preventive in closed cooling circuits and chillers.

HOSMAC - K 50 can also be utilized as an additive for coolants to improve corrosion protection, alkalinity (pH-value) and chip and swarf transport. It is also suited as a cleaner for parts coming out of a metal working process.

HOSMAC - K 50 contains organic corrosion preventives combined with anionic and non-ionic detergents. Dissolved in water, it provides a clear, stable solution.

Recommended concentrations

Corrosion protection	1 – 5%
Stabilizing of coolants	0.2 – 1%
Cleaning	1 – 5% (at 35 – 60°C)

Physical Properties

Concentrate

Appearance	light yellow, low viscous liquid
Specific gravity 20°C	1080 kg/m ³
Viscosity 20°C	10 mm ² /s

Solution

Appearance	transparent, clear
pH-Value 2 – 10%	9.4 – 9.6

Factor to determine the concentration

Refractometer	2.2
Titration	0.21

Storage

During storage **HOSMAC - K 50** should not be exposed to temperatures below 0°C or above 40°C. Large temperature fluctuation also has to be avoided. It should be brought to room temperature prior to usage.

Health and Safety

Please refer to the Material Safety Data Sheet for complete information.

Disclaimer

All statements, technical information and recommendations contained in this Product Information, tests and data unitech believes to be reliable, but the accuracy or completeness is not guaranteed. unitech warrants unitech products will be free from defects when shipped to the customer. unitech's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement the customer must notify unitech of the claimed defect within six month after shipment of product to the customer. unitech shall have no liability for any injury, loss or damage arising out of use of or inability to use the products.

Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.

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