



IKV-TRIBOCORR OIL with AC77 Vapour Corrosion Inhibitor



High Performance Lubricants for Industry

DESCRIPTION

IKV-TRIBOCORR VCI OIL is a hydrolysis-resistant corrosion protection oil which does not emulsify in water. It contains our special additive package AC77 corrosion inhibitors which are effective both in direct contact and via the vapour phase.

IKV-TRIBOCORR VCI OIL can therefore protect metal surfaces which should not come into directly contact with the oil. A precondition for atmospheric corrosion protection is a closed space in which the level of inhibitors can build up. The corrosion protection is effective on all steel, cast iron, copper and aluminium alloys, as well as fully or partially galvanised steels.

TYPICAL APPLICATIONS

IKV-TRIBOCORR VCI OIL can be applied via immersion, spraying or brushing onto dry, clean, corrosion-free surfaces. Immediately after application the parts being protected must be sealed as tightly as possible to allow the protective VCI atmosphere to build up.

In direct contact with a metal surface **IKV-TRIBOCORR VCI OIL** forms an oily, slippery film which can be removed with alkaline water-based cleaning agents even after storage. VCI components which are adsorbed onto metal surfaces during the vapour phase evaporate without residue within one or two hours once the part is removed from its packaging.

Shaking or stirring before use is recommended. Seal container after use to avoid unnecessary loss of VCIs.



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FEATURES & BENEFITS

- ◆ Non-emulsifiable
 - ◆ Thixotropic
 - ◆ Very good EPD compatibility
 - ◆ Easy to remove, even after storage
- Effective in direct contact and during the vapour phase
Amine-free, barium-free, hydrolysis-resistant & ester-free
Can be used with non-ferrous metals
Effective on steel, cast iron, copper & aluminium alloys

CHARACTERISTIC	PERFORMANCE
Nature of Base Oil	Special mineral oil
Application temperature °C	20 to 60
Immersion Time	<20 S
Drip Time	5-15 Minutes
Thickness of Layer	2-4 µm
Dosing	Ca. 250ml/m ²
Removability (Acc to VDA 230-213)	Yes
EPD Compatibility (Acc to VDA 230-213)	Yes
Density at 15°C (DIN EN ISO 12185)	900kg/m ²
Viscosity at 40°C (DIN 51562)	24 cSt
Flash Point (DIN EN ISO 2592)	> 100°C
Solvent Content	5%
Corrosion Protection Tests (Mason Jar - DIN ISO 6270-2)	Min. 30 cycles

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