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PANOLIN VCP

Gas phase corrosion inhibitor – readily biodegradable

Features and benefits

- Additive to environment-friendly or conventional mineral oil based gear and hydraulic oils
- Protects against water-related surface changes
- Prevents corrosion also in the airspace above the oil
- Upholds surface corrosion protection during long shutdowns
- Minimally toxic (according to ISO 10253, ISO 14669, OSPAR Commission 2006 Part B.)

Application

Add PANOLIN VCP to the gear and hydraulic oil in use. Directly protect surfaces with PANOLIN VCP by immersion, spraying, or brushing

Note – Recommended concentration

Admixture: 0.5 – 1% (50 – 100 ml per 10 litres of oil)
Direct protection: 10 – 100%. Dilute at least 10% PANOLIN VCP in gear and hydraulic oil.
To uphold surface corrosion protection, add again when changing oil.

Note – Processing/mixing recommendation

Please stir/homogenise PANOLIN VCP before use. The formation of a white phase in the original container is normal during storage. The recommended processing/mixing temperature both of PANOLIN VCP and the lubricant to be additivated is 20 to 40 °C. The maximum processing temperature of 50 °C should not be exceeded.

Duration of corrosion protection

PANOLIN VCP successfully passed the Kesternich chamber corrosion protection test at 99% air humidity for 3 months (steel specimens immersed in hydraulic fluid with a concentration of 1% PANOLIN VCP). Long-term corrosion protection for several months or years should be checked by periodic monitoring over an appropriate time period.

Environmental compatibility

It is decomposed by micro-organisms in water and/or soil almost without any residues.

- Biodegradability acc. to mod. ISO 10708 test for the marine environment using guidance in the HOCNF guidelines.
OSPAR agreement: 2012/05. Update 2022 (OSPAR 2021): > 60%

Technical data (mean values, subject to normal tolerances)

PANOLIN VCP	Product No.	Density g/cm ³	Viscosity in mm ² /s		Flashpoint COC in °C	Pour point in °C	Viscosity index
		15 °C	40 °C	100 °C			
	29400	0.910	22.5	4.5	140	- 30	113

Instructions

Please refer to the drum label, or for detailed information, to the safety data sheet – available from PANOLIN.
Before changing over to PANOLIN, please ask for our instructions.