



PRODUCT INFORMATION

oilfino Vecto CGLP 68



DESCRIPTION

oilfino Vecto slideway oils are intended for use in machine tools with slideways of different material pairs including plastic coating (epoxy resin and Teflon base), for lubrication of sliding and guideways, if mixing of bedway oil with water-mixed cooling lubricants cannot be avoided. oilfino Vecto slideway oils are also used successfully in the textile, paper and packaging industries.

PROPERTIES

oilfino Vecto slideway oils are distinguished by low coefficients of static friction; as a result, a constant sliding behaviour without stick slip phenomena is achieved even with fine feeds with the slightest feed movements. The greatest dimensional accuracy of the workpieces is the result. Good demulsification behaviour enables the best functionality even when using low-maintenance cooling lubricants. Even with longer downtimes, the dreaded formation of sticky residues from cooling lubricants and bed sheet oils is prevented. oilfino Vecto slideway oils offer reliable corrosion protection. Rust formation in narrow fitting gaps is also prevented. Non-ferrous metals will not discolour. Highest film strength and very good adhesion are guaranteed. Critical requirements for the safe lubrication of vertical guideways. The adaptation of the additive to modern, water-mixed cooling lubricants enables the highest surface quality and dimensional accuracy of the workpieces, even under the most difficult production conditions. The requirements for CGLP oils according to DIN 51 502 are met and even exceeded in essential properties.

SPECIFICATIONS

- DIN 51 502CGLP

Specific data	Method	Unit	oilfino Vecto				
SAE grade			46	68	100	150	220
Density at 15°C	DIN 51757	g/cm ³	0.878	0.880	0.884	0.889	0.894
Kin. viscosity at 40°C	DIN 51562	mm ² /s	45.8	67.1	102	150	214
Kin. viscosity at 100°C	DIN 51562	mm ² /s	6.7	8.5	11.1	14.6	17.9
Flash point COC	DIN ISO 2592	°C	240	245	265	267	270
Pour point	DIN ISO 3016	°C	-12	-30	-12	-13	-15
Steel corrosion	DIN 51585	Note	0 - B	0 - B	0 - B	0 - B	0 - B
Copper Corrosion (3 h/100°C)	DIN ISO 2160	Note	1	1	1	1	1
FZG test A/8, 3/90	DIN ISO 14635	SKS	12	12	12	12	12

All information is provided to the best of our knowledge but without guarantee of any kind. The technical data represent average values and are subject to normal production fluctuations. oilfino reserves the right to improve the products and modify the specification accordingly.