



# KETTLITZ-Medialub GLP 220

- technical leaflet -

KETTLITZ-Medialub GLP 220 is a slipway oil based mineral oil.

Due to the use of special additives, Medialub GLP 220 has low friction coefficients and thus a constant sliding behavior without stick-slip phenomena even with fine forward speeds with minimal feed movements.

The good demulsifying property allows a best functionality even when using easy-care coolants. In addition, the dreaded formation of sticky residues from coolants and track oils is prevented during longer downtimes.

Medialub GLP 220 offers safe corrosion protection. Thus, rust formation is avoided and yellow metals are not discolored.

The coordination of the additive formulation with modern, water-based coolants enables the highest surface quality and dimensional accuracy of the workpieces even under the most difficult production conditions.

Medialub GLP 220 is intended for use in machine tools with slipways of different material combinations including plastic coating (epoxy resin and Teflon-based). Furthermore, Medialub GLP 220 can also be used for lubrication of sliding and guideways, in which a mixture of track oil and water-mixed coolant can occur.

The requirements for CGLP oils according to DIN 51502 are fulfilled and even exceeded in essential properties.

Medialub GLP 220 complies with ISO 6743 Part 13 GA and GB.

## Properties

Chemical Characteristics		Slipway oil based on mineral oil with additives
Appearance		transparent, yellowish liquid
Density at 15 °C	(g/cm <sup>3</sup> )	0.894 ± 0.010
Viscosity at 40 °C	(mm <sup>2</sup> /s)	220 ± 10 %
Viscosity at 100 °C	(mm <sup>2</sup> /s)	18 ± 10 %
Flash Point COC	DIN ISO 2592	270 °C
Pourpoint (C°)	DIN ISO 3016	approx. - 15 °C
Copper corrosion (3h/ 100°C)		1
Steel corrosion		0 – B
FZG-Test A/8,3/90		12
Physiol. Behavior		see safety data sheet
Storage Stability		6 years under suitable storage conditions
Packing		cans: 1 liter, 5 liter and 20 liter drums: 60 liter and 200 liter container: 1000 liter