

MECANEP GLC 32-68-100-150-220

Lubricant for loaded slides of machine-tools.

APPLICATIONS

- Lubrication of slides of machines tools
- For central lubrication for all types of organs (slides, bearings, joints, cams, ball chains etc)
- MECANEP GLC qualities enable compatibility with all types of slides (metal/metal, metal/composite).

PROPERTIES

- High capacity for driving water away from the lubricated surfaces assuring good protection against corrosion.
- Exceptional adhesiveness & smoothness assures permanent oil film and avoids jumps in slides even when upright.
- Important reduction in the coefficient of friction at heavy load & low speed.
- Extreme pressure & anti-wear properties avoid all risk of jamming & assure good resistance to shocks.
- Excellent filtrability guarantees constant functioning of central lubrication systems.
- MECANEP GLC is recommended for all types of metal slides of machines & also succeeds in compatibility tests for composite metals of counter-slides: SKC, BRONZE-PAN, PTFE.

TECHNICAL CHARACTERISTICS

AVERAGE CHARACTERISTICS	UNIT	AVERAGE VALUES					METHODS
		32	68	100	150	220	
ISO Grade		32	68	100	150	220	
Oil type according DIN 51502		CGLP 32	CGLP 68	CGLP 100	CGLP 150	CGLP 220	
Oil type according DIN 51524 According ISO 6743-4		HLP 32 HM 32	HLP 68 HM 68	HM 100	HM 150		
Oil type according ISO 6743-6		CKC 32	CKC 68	CKC 100	CKC 150	CKC 220	
Density at 15°C	kg/m ³	864	877	884	888	895	
Viscosity à 40°C	mm ² /s	34.9	68	96.9	150	220	DIN 51562-1
Viscosity à 100°C	mm ² /s	5.4	8,6	10.8	14.6	19	DIN 51562-1
Viscosity Index		106	99	95	96	100	ISO 2909
Flash Point COC	°C	210	220	228	174	240	DIN ISO 2592
Pour Point	°C	-32	-24	-20	-12	-15	ISO 3016
Immediate foaming after 10mns	ml	10 0	10 0	10 0	10 0	10 0	DIN 51566 Tests I-III
FZG A/8.3/90 Gear Test rig	Failure Load stage	12	12	12	12	12	DIN ISO 14635-1
Steel Corrosion	Corrosion degree	O-A	O-A	O-A	O-A	O-A	DIN 51585
Copper Corrosion	Corrosion degree	O-A	1-100 A3	O-A	O-A	1-100 A3	DIN 51759