

HIGHTEC CGLP 220

Special lubricants for lubricating slideways and bed ways

Description

(hersteller) CGLP slide and bed way oils are based on premium solvent raffinates and special, ash-free additives. They are therefore zinc-free. In addition to ageing inhibitors, anti-corrosion and EP additives, they contain special additives to prevent stick-slip. This is more pronounced in machine tools, in which very low feed speeds and/or high loads of the bed way sliding carriage are the case. (hersteller) CGLP slide and bed way oils guarantee high scuff resistance in mixed friction conditions.

(hersteller) CGLP slide and bed way oils possess high adhesive properties, protect the surface effectively against corrosion, exhibit a pleasing tendency to de-emulsify and display good compatibility with water-miscible cooling lubricants.

Equivalent quality in accordance with EU-law as per

- DIN 51 502
- ISO 6743/13

Advantages

- High adhesiveness
- Good lubricating and sliding properties
- Resistance to aqueous metal-working fluids
- Good resistance to oxidation
- Good corrosion protection
- CGLP 68 can also be used as a hydraulic oil

Recommendation

CGLP 68: For machine tools, which provide a combined supply of hydraulics and bed ways. This oil also complies with DIN 51 524 Part 2 (HLP oils). CGLP 220: For bed ways subjected to high loads with low feed speeds. For vertical slideways of column drilling machines, cutters and presses etc. for which CGLP oils are recommended.



Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.898
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	220
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-15
Copper corrosion 100 A3	DIN 51759	Ranking	1
Steel corrosion, A=distilled water	DIN 51585	Ranking	pass
FZG A/8.3/90 (min)	DIN 51354/2	SKS	12-G
Flash point COC	DIN ISO 2592	°C	230
Brugger	DIN 51 347 / 2	N/mm ²	42
Steel corrosion	DIN 51 585 A	Ranking	Pass

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply (www.rowe-oil.com).

