

HIGHTEC CGLP 68

Special lubricants for lubricating slideways and bed ways

Description

HIGHTEC 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. HIGHTEC CGLP slide and bed way oils guarantee high scuff resistance in mixed friction conditions. HIGHTEC 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.

The quality of this product is equivalent to EU regulations

- DIN 51 502
- ISO 6743/13

Benefits

- 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	0,882
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	68
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-24
Copper corrosion 100 A3	DIN 51759	Ranking	1
FZG A/8.3/90 (min)	DIN 51354/2	SKS	12-G
Brugger	DIN 51 347 / 2	N/mm ²	42
Flash point COC	DIN ISO 2592	°C	220
Steel corrosion	DIN 51 585 A	Ranking	Pass

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms (www.rowe.com.de).

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