PRODUCT INFORMATION

HIGHTEC HLP 100 ZAF

Ash-free, zinc-free, multi-purpose lubricating oil for hydraulics, industrial gears and bearings

Description

HIGHTEC HLP 100 ZAF is a hydraulic oil containing additives to prevent corrosion, wear and friction. In addition, it also demonstrates a low dirt holding capacity.
Such oils tend to be more hydrolytically stable as well as zinc-free, non-alkaline and free of alkaline earth and therefore particularly low in ash.

HIGHTEC HLP 100 ZAF is a multi-purpose lubricating oil with a high load-bearing capacity and good wetting behaviour, which helps to improve performance in mixed friction conditions.

HIGHTEC HLP 100 ZAF exceeds the requirements concerning hydraulic oils in compliance with DIN 51524 Part 2 and SEB 181 222 and lubricating oils in compliance with DIN 51517 Part 3 and SEB 181 226 for circulation lubrication.

The quality of this product is equivalent to EU regulations

- DIN 51524, p. 2
- VDMA 24318
- SEB 181-222
- AFNOR E48 603 HM

Benefits

- High level of wear protection
- Zinc-free and ash-free
- Good corrosion protection
- Thermally stable
- Resistant to oxidation
- Good air separation ability and foaming behaviour
- Hydrolytic resistance

Recommendation

Machine tool oils with sensitive control hydraulics but also for other hydraulics as well as bearings and industrial gear requirements.
We recommend our special HVI hydraulic oils with first-rate VT performance for industrial gears and hydraulics that operate outdoors throughout the year.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.878
Kinematic viscosity KV 40	ASTM D-7042	mm^2/s	100
Kinematic viscosity KV 100	ASTM D-7042	mm^2/s	11,2
Viscosity index	ASTM D-7042	-	97
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	240
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-24

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-oil.com).

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