

HIGHTEC ZH-M SYNT

High-performance special hydraulic fluid based on synthetic base oils with first-rate low temperature performance.

Description

HIGHTEC ZH-M SYNT is a high-performance, special hydraulic oil with optimised low-temperature performance. It is based on the most advanced additives and selected synthetic base oils. Developed specifically for use in central hydraulic systems subjected to high loads.

Application

HIGHTEC ZH-M SYNT has been developed specifically for use in central hydraulic systems subjected to high loads, power steering systems, sun roof mechanisms and shock absorbers. Its first-rate viscosity-temperature behaviour guarantees safe operation at high steady-state temperatures, as well as a sensitive response at very low temperatures.

The quality of this product is equivalent to EU regulations

- DIN 51524 Teil 3
- ISO 7308

Additionally this product is recommended when the following filling instructions are required

- BMW
- Chrysler/Dodge/Jeep MS-11655
- MAN M 3289
- MB 345.0
- Ford WSS-M2C204-A/A2
- Hyundai/Kia PSF-4
- Opel 19 40 715/766
- Porsche 000.043.203.33/000.043.206.56
- Volvo 1161529/30741424
- VW TL 52 146 (G002 000/G004 000)
- ZF TE-ML 02K

Benefits

- Outstanding viscosity-temperature behaviour and high shear stability
- Sensitive response characteristics, even at extremely low temperatures
- The highest ageing and oxidation stability due to special synthetic base oils
- The best wear protection properties for reliable operation and the longest service life, even at high steady-state temperatures and under excessive loads
- Minimal tendency to foam
- Reliable protection against corrosion, wear, sludge accumulation and adhesion
- Neutral behaviour towards gasket materials
- Miscible and compatible with other central hydraulic fluids of the same specification. However, in order to exploit the full product benefits of HIGHTEC ZH-M SYNT, a complete oil change is strongly recommended.

Notices

HIGHTEC ZH-M SYNT may not be mixed with glycol or silicone-based fluids (e.g. brake fluids DOT 3/4/5.1 or DOT 5).

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.828
Color	visuell	-	grün / green
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	21,6
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	6,7
Viscosity index	ASTM D-7042	-	305
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	162
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-50

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).

