

## HIGHTEC ZH-M

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

### Description

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

### Application

HIGHTEC ZH-M has been developed specifically for use in central hydraulic systems, power steering systems, sun roof mechanisms, hydro-pneumatic suspension systems 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.

### Equivalent quality in accordance with EU-law as per

- DIN 51524 Teil 3
- ISO 7308

### This product is also recommended when the following filling instructions are required

- MB 343.0

### Advantages

- Outstanding viscosity-temperature behaviour and high shear stability
- Sensitive response characteristics, even at extremely low temperatures
- Good ageing and oxidation stability due to special mineral base oils
- Good wear protection properties for reliable operation, 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, a complete oil change is strongly recommended.

### Notes

- HIGHTEC ZH-M 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	0.87
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	6,2
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	21,0
Viscosity index	ASTM D2270	-	280
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	130
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-51

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](http://www.rowe-oil.com)).

