

HIGHTEC LHM PLUS

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

Description

HIGHTEC LHM PLUS is a high-performance, special hydraulic oil with optimised low-temperature performance. It is based on the most advanced additives and selected mineral base oils. Developed specifically for use in Citroen and Peugeot vehicles.

Application

HIGHTEC LHM PLUS has been developed specifically for use in central hydraulic systems subjected to high loads, power steering systems, sun roof mechanisms, hydro-pneumatic suspension systems and shock absorbers. Its first-rate viscosity-temperature performance provides reliable operation at high steady-state temperatures, as well as a sensitive response characteristics at very low temperatures. HIGHTEC LHM PLUS is backward compatible with former LHM fluids.

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

- Fiat 9.55597
- Iveco 18-1823
- NH 610 A
- PSA B71 2710
- SDFG OF1611S

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 mineral base oils
- The best 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 LHM PLUS, a complete oil change is strongly recommended.

Notices

HIGHTEC LHM PLUS may not be mixed with glycol or silicone-based products (e.g. brake fluids DOT 3/4/5.1 or DOT 5) or synthetic fluids.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.8695
Color	visuell	-	grün / green
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	20,5
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	6,3
Viscosity index	ASTM D-7042	-	295
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	130
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-54
CCS	ASTM D-5293	cP @ °C	1000 @ -35

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