



Product information

HIGHTEC HLP

Multi-purpose lube oils for hydraulic systems, gearboxes and bearings

HIGHTEC HLP- lubricants are hydraulic fluids containing additives which prevent corrosion, wear and friction.

Formulated with special additive chemistry, HIGHTEC HLP oils keep hydraulic systems clean and efficient.

HIGHTEC HLP oils are high-duty multi-purpose lubricants providing enhanced performance in the mixed lubrication regime, thus preventing stick slip-induced friction and/or frictional vibration.

Outstanding features of this product include its excellent corrosion protection properties and enhanced cleaning and anti-sludge performance.

HIGHTEC HLP oils exceed the performance requirements for HLP hydraulic oils as per DIN 51524, Part 2.

Recommended applications:

HIGHTEC HLP oils are recommended for/as:

- machine tools
- textile machines
- break-in oil for machines and units
- function test oil
- initial oil fill, also for machines shipped overseas with oil fill
- electric multi-disk clutches
- foundries
- cement plants
- construction machines
- hydraulic units in the agricultural sector
- etc.

For hydraulic systems operated year-round in outdoor applications, we recommend our HIGHTEC HLP-HVI hydraulic oils, which exhibit an outstanding viscosity-temperature behaviour.

			HIGHTEC					
Hydraulic oil type as per DIN 51524 Part 2			HLP 10	HLP 22	HLP 32	HLP 46	HLP 68	HLP 100
Characteristics	Test as per	Units						
Kinematic viscosity at	DIN 51 562							
- 20 °C		mm ² /s	180					
40 °C			10	22	32	46	68	100
Viscosity index	DIN ISO 2909		-	95	95	95	95	95
Density at 15 °C	DIN 51 757	g/ml	0.87	0.87	0.87	0.875	0.88	0.885
Pourpoint (max.)	DIN ISO 3016	°C	-30	-27	-24	-21	-18	-15

These data are true and correct to the best of our knowledge and belief and reflect the current state of knowledge and our development effort. All rights to changes reserved!

The characteristic data indicated are subject to the repeatability and reproducibility of the given test method.