



Eni PRECIS HLP-D ZFR

Hydraulic fluid based on mineral oil with detergent effect and zinc free additive package against corrosion, oil ageing and wear.

Characteristics (typical figures):

Eni PRECIS HLP-D ZFR		Unit	32	46	Test
Kin. Viscosity	at 40°C	mm²/s	31,5	43,6	DIN 51 562 T.1
	at 100°C	mm²/s	5,7	7,1	DIN 51 562 T.1
Viscosity index			114	115	DIN ISO 2909
Density at 15°C		kg/m³	855	863	DIN EN ISO 12185
Pourpoint		°C	-33	-30	DIN ISO 3016
Flash point COC		°C	220	230	DIN ISO 2592
Brugger value		N/mm²	30	30	DIN 51 347
Designation			HLP-D	HLP-D	DIN 51 524 T.2

Properties and performance:

Eni PRECIS HLP-D ZFR - hydraulic fluids are designed with special agents due to the application of high-quality solvates. Polar inhibitors give this pressure fluid considerable better gliding properties than regular standardized lubricants. Hydraulic fluids with detergent effect have better affinity and cleaning properties than conventional hydraulic fluids.

The distinct wear protection, the high ageing stability, the optimum adjusted air release properties and the excellent corrosion protection are some of the outstanding characteristics.

A special emphasizing character of these hydraulic fluids is the ability to absorb moisture without endangering the corrosion protection. Larger quantities of water will be eliminated under control.

Application:

Eni PRECIS HLP-D ZFR - hydraulic fluids are suitable for hydraulic pumps and aggregates where HL, HLP or HLP-D oils are prescribed by the manufacturer. They can be applied in hydraulic drives, in infinitely variable or hydrostatic and mechanical transmissions the same as electric multi-disk clutches.

Due to their high pressure absorption capacity these hydraulic fluids are suitable for the application in precision hydraulic systems, machine tool controls and hydraulic presses with high efficiency.

Wherever parts of equipment are endangered due to moisture precipitations or conglutinations, e. g. in hydraulic systems or on slide ways of machine tools and at the supply of pneumatic tools, these products are well-tried and reliable.

Eni Preci HLP-D 46 ZFR is also suitable for Atlas equipment.

Please observe the manufacturer specifications when selecting products.

Specification: DIN 51 524 HLP-D

Approval: ARBURG approval (ISO VG 46)

Recommended application: SCHULER presses, ENGEL injection molding machines, ...