



# Eni PRECIS HLP-D

**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 | Unit              | 22                 | 32    | 46    | 68    | Test             |                |
|------------------|-------------------|--------------------|-------|-------|-------|------------------|----------------|
| Kin. Viscosity   | at 40°C           | mm <sup>2</sup> /s | 22,0  | 32,8  | 45,5  | 68,2             | DIN 51 562 T.1 |
|                  | at 100°C          | mm <sup>2</sup> /s | 4,4   | 5,7   | 7,1   | 9,1              | DIN 51 562 T.1 |
| Viscosity index  |                   | 109                | 114   | 115   | 109   | DIN ISO 2909     |                |
| Density at 15°C  | kg/m <sup>3</sup> | 852                | 855   | 863   | 868   | DIN EN ISO 12185 |                |
| Pourpoint        | °C                | -33                | -33   | -30   | -27   | DIN ISO 3016     |                |
| Flash point COC  | °C                | 215                | 220   | 235   | 240   | DIN ISO 2592     |                |
| Designation      |                   | HLP-D              | HLP-D | HLP-D | HLP-D | DIN 51 524 T.2   |                |

## Properties and performance:

**Eni PRECIS HLP-D** - 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** - 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-trying and reliable.

**Eni Preciis HLP-D 46** is also suitable for Atlas equipment and **Eni Preciis HLP-D 22** is compatible with Meiller equipment.

Please observe the manufacturer specifications when selecting products.

## Specifications:

DIN 51 524 HLP-D

ARBURG approval (ISO VG 46)