

HOCHLEISTUNGS-HYDRAULIKÖL HLP-SERIES



EP-ALLOYED HYDRAULIKFLUID

1. APPLICATION

The oils of High-performance HLP-series are classic HLP hydraulic oils. They were based on mineral oils with a natural viscosity index, good air and water separation properties and they offer an excellent wear and corrosion protection. They are high-quality paraffin-based solvent raffins that are specially tailored to modern hydraulic systems with their anticorrosive, foam and oxidationinhibiting additives and thus have a wide range of applications within the entire industry. Can be used for all lifting devices in commercial vehicles, precision hydraulics for machine tools, hydraulic regulators and torque converters as well as for all hydraulic systems in which hydraulic fluids are required according to HLP classification. The machine manufacturers viscosity regulations must be observed.

2. YOUR BENEFIT

- Excellent air release..
- Excellent filtration behavior (dry/wet).
- They are in the 12th power level in the FZG test.

3. TECHNICAL SPEZIFICATIONS

Can be used with:

DIN 51524 Teil 2 / ISO 6743-4 / ISO 11158-HM
FZG Test A/8.3/90 10
ATLAS COPCO | Bosch Rexroth RE 90220-01 | Bumech (HLP 46/HLP 68)
Cincinnati Maschine P-68/P-69/P-70
Denison HF-2/HF-1/HF-0 | FAMUR (HLP 68) | FERRIT
MAG | PONAR-SILESIA
ZETOR (Proxima/Proxima Plus/Proxima Power/Fortera/HLP 32/HLP 46)



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4. TECHNICAL CHARACTERISTICS

Properties	Units	HLP 32	HLP 46	HLP 68	Test
Density at 15°C	Kg/m ³	858	864	873	DIN EN ISO 12185
Kin. Viscosity at 40°C	mm ² /s	31,4	45	66,7	ASTM D7279
Kin. Viscosity at 100°C	mm ² /s	5,6	7	9	ASTM D7279
Viscosity Index		114	116	109	ASTM D2270
Flashpoint	°C	230	240	240	DIN ISO 2592
Pourpoint	°C	-27	-30	-21	ASTM D7346
FGZ-Test A8,3/90		12	12	12	DIN ISO 14635-1

5. PACKAGING

CONTENTS

Tankware
205 Liter

CONTENTS

60 Liter
20 Liter

