

# ALEMANOL

german lubricants



## ALEMANOL Hyd HLP

Alemanol Hyd HLP is a monograde hydraulic oil formulated from high-quality base oils and state-of-the-art additive technology with outstanding properties.

### DESCRIPTION

It is very stable against oxidation and offers excellent protection against wear as well as against deposits in all installed components even under unfavorable conditions. Alemanol Hyd HLP exceeds the requirement of DIN 51524 Part 2 and meets the high performance requirements of leading hydraulic system and component manufacturers, including efficiency over the entire service life.

### BENEFITS

- good demulsification resistance
- highly effective corrosion protection
- improved air separating capacity
- neutral towards sealing materials
- excellent lubricity
- optimum viscosity-temperature behavior

Recommended and tested in units for which the following specifications and filling instructions are required:

DIN 51524 Teil 2 (85-06)  
ISO VG 22/32/46/68/100/150

CETOP RP 91 H  
Denison Filterability TP 02100  
Hoesch HWN 2333  
Sperry Vickers I-286-S  
Thyssen TH N-256 132  
U.S. Steel 126 u. 127  
SEB 181 222  
SIS SS 155434  
VDMA 24318

### TECHNICAL DATA

Property	Methode	Unit	ISO 22	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150
Density at 15°C	DIN 51757	g/ml	0,86	0,86	0,87	0,87	0,88	0,89
Viscosity at 40°C	DIN 51562	mm <sup>2</sup> /s	22	32	46	68	100	150
Viscosity at 100°C	DIN 51562	mm <sup>2</sup> /s	4,3	5,4	6,8	9	11,5	16
Viscosity index	DIN 2909	-	101	102	100	100	99	98
Flash point	DIN ISO 2592	°C	185	195	212	225	225	230
Pourpoint	DIN ISO 3016	°C	-30	-28	-25	-23	-23	-20
FZG test	Din 51354-2	A/8.3/90	11	12	12	12	12	12

Use in accordance with the engine manufacturer's instructions  
All characteristic data are average values and are subject to production-related fluctuations

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