

# MITANOL HLP

## HLP-Hydraulic oils

### Properties

**MITANOL HLP** are high-quality hydraulic oils based on mineral oil with highly effective additives to reduce wear. They are characterised by the following properties:

- Wear-reducing and load-carrying.
- Very high oxidation stability
- Prevents corrosion and foaming.
- Excellent hydrolytic stability.
- High thermal stability
- Good demulsibility.
- Compatibility with sealing materials.

### Application notes

**MITANOL HLP** hydraulic oils are universally applicable in all hydraulic systems, even under the most difficult conditions. In thermally highly loaded hydraulic systems with high-pressure pumps of all types, in sensitive control systems, also for the supply of small gears and for use in circulation systems.

### Service description

#### Specifications:

- DIN 51524/2 HLP
- AFNOR NF E 48-603 HM

TYPISCHE KENNWERTE	METHODEN	EINHEITEN	MITANOL HLP					
			10	22	32	46	68	100
Dichte bei 15°C	DIN 51 757	g/cm <sup>3</sup>	0,854	0,873	0,874	0,878	0,883	0,884
Viskosität bei 40°C	DIN 51 562	mm <sup>2</sup> /s	9,7	23,4	32,4	46,4	69	98
Viskosität bei 100°C	DIN 51 562	mm <sup>2</sup> /s	2,7	4,5	5,4	6,7	8,7	11
Viskositätsindex (VI)	DIN ISO 2909	-	98	98	98	97	97	97
Flammpunkt COC	DIN ISO 2592	°C	170	205	224	232	237	240
Pourpoint	DIN ISO 3016	°C	-33	-30	-28	-26	-26	-24

\* meets the requirements of the OEM manufacturer.  
The stated values may vary within the usual commercial range.