

ALPINE® HLP

HLP-Hydraulic oils

Properties

ALPINE 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

ALPINE 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	ALPINE HLP					
			10	22	32	46	68	100
Dichte bei 15°C	DIN 51 757	g/cm ³	0,854	0,873	0,874	0,878	0,883	0,884
Viskosität bei 40°C	DIN 51 562	mm ² /s	9,7	23,4	32,4	46,4	69	98
Viskosität bei 100°C	DIN 51 562	mm ² /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

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