

Motorenöle

Motor oils

Getriebeöle

Gear oils

**Zweitaktöle und
Traktorenöle**

*Two-stroke oils and
tractor oils*

Hydrauliköle

Hydraulic oils

**Industrie- und
Spezialschmierstoffe**

*Industrial and
specialty lubricants*

PENNASOL HYDRAULIC OIL HLP S/P-L

PENNASOL HYDRAULIC OIL HLP S/P-L is based on paraffinic base oil and modern additive technology. Effective zinc and ash free components guarantee optimal lubrication and long term protection against oxidation. During the process fine filtration is possible without the risk of losing valuable ingredients.

Specification:

- DIN 51524 Teil 2
- FZG-Test A8,3/90 load stage: 13

Recommendations:

ISO 11158	SIS SS 155434
AIST 127 + 136	Denison HF-0

Parameter	Unit	Testing method	PENNASOL HYDRAULIC OIL HLP S/P-L		
			ISO VG 22	ISO VG 32	ISO VG 46
Density 15°C	kg/m ³	DIN EN ISO 12185	855	859	865
Flash point COC	°C	DIN ISO 2592	220	220	230
Pour point	°C	DIN ISO 3016	-30	-27	-24
Viscosity 40°C	mm ² /s	DIN 51562-1	22,4	31,2	43,9
Viscosity 100°C	mm ² /s	DIN 51562-1	4,4	5,5	7,0
VI		DIN ISO 2909	110	113	112

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