

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 HVLPD

PENNASOL HYDRAULIC OIL HVLPD is based on paraffinic base oil and modern additive technology. Effective zinc containing components guarantee optimal lubrication and long term protection against oxidation. During the process fine filtration is possible without the risk of losing valuable ingredients. High shear stability represents permanent optimal viscosity at low temperatures as well as at high operating temperatures.

Dispersant and detergent additives provide optimal dirt-removing properties and the product is especially suitable for centrally supplied machines.

Specification:

- DIN 51524 part 3 (without demulsification requirements)
- FZG-Test A8,3/90 load stage: >12

Recommendations:

High shear stability (viscosity drop 20h KRL: < 20%)

Parameter	Unit	Testing method	PENNASOL HYDRAULIC OIL HVLPD		
			ISO VG 32		ISO VG 46
Density 15°C	kg/m ³	DIN EN ISO 12185	858		862
Flash point COC	°C	DIN ISO 2592	210		220
Pour point	°C	DIN ISO 3016	-39		-39
Viscosity 40°C	mm ² /s	DIN 51562-1	31,7		44,2
Viscosity 100°C	mm ² /s	DIN 51562-1	6,3		8,1
VI		DIN ISO 2909	152		150

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