ALPHEX HV (HVLP 46)

HVLP Hydraulic Oil according DIN 51524, part 3

Description:

ALPHEX HV (HVLP 46) is a mineral high-performance hydraulic oil with very good viscosity temperature behaviour applicable for high pressure hydraulic systems beeing exposed to changing temperatures.

Characteristics

- High viscosity index
- High pressure susceptibility
- Reliable wear protection
- Oxidation protection properties
- Reliable corrosion protection
- Excellent air separating ability
- No foaming formation
- High ageing stability
- Neutral towards sealing materials
- Resistant to water
- Good filtration

Effects

- Extremely high operating reliability of hydraulic system
- Favourable operating properties
- Highest standard performance
- Low freezing point
- Reduction of kinds
- No seasonal suspended change neccessary
- Increased total efficiency

Usable for

DIN 51524/3	HVLP 46	ISO VG 46
ISO		11158
AFNOR		NFE 48-603 (HM, HV)
ASTM		D6158
SAE		MS 1004
We recommend this product for:		
AIST		127, 136
ASLE		70-1/70-2/70-3
BOSCH		Rexroth
CETOP		RP 91 H (HM, HV)
DAVID BROWN		ET 19, ET 33
DENISON		TP 02100
EATON VICKERS		M 2950-S, I-286-S
FZG-Test		A8, 3/90 12th damage loading step
GM		LS 2
HOESCH		HWN 2333
JCMAS		P041 HK
SEB		181222
SIS		SS 155434
US STEEL		126-127
VDMA		24318

Utilization

- Predominantly hydraulic systems operating in the open according to DIN 51524
- such as mobile hydraulic systems, hydraulic lifts, skids, wheel tractor, hydraulic excavator, construction equipment etc.

Disposal:

- **ALPHEX HV (HVLP 46)** is assigned to category 2 of used oils and thus is free for disposal.

Miscibility:

- **ALPHEX HV (HVLP 46)** Hydraulic oil of HVLP-range is fully compatible to comparable lubrications and can be mixed without any doubts. However, it is recommendable to refill **ALPHEX HV (HVLP 46)** Hydraulic Oil of HVLP-range only.

Kuttenkeuler GmbH • Niederlassung Eschweiler • D-52249 Eschweiler • Fon +49 (0) 2403 / 793-0 • Fax +49 (0) 2403 / 793-18
email: info@kuttenkeuler.com • www.startol.de

ALPHEX HV (HVLP 46)

Article No.	**Packaging unit**	
STL 1040 805	Can	20 L
STL 1040 806	Drum	60 L
STL 1040 808	Drum	200 L
STL 1440 809	PE-Container	1000 L

Typical characteristics:

Specific weight at 15°C	kg/m³	862
Viscosity at 40°C	mm²/s	43,5
Viscosity at 100°C	mm²/s	8,1
Viscosity index		150
Flash point COC	°C	220
Pourpoint	°C	-39
TAN	mgKOH/g	-

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