



# BAROS HVI (HVLP 32)

HVLP-Hydraulic Oil according DIN 51524, part 3

## Description:

**BAROS HVI (HVLP 32)** is a mineral high-performance hydraulic oil with very good viscosity temperature behaviour applicable for high pressure hydraulic systems being exposed to changing temperatures.

### Properties

- High viscosity index
- High pressure susceptibility
- Reliable wear protection
- Oxidation protection properties
- Reliable corrosion protection
- Excellent air separating ability
- No foaming
- 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 necessary
- Increased total efficiency

### Suitable for/ we recommend this product for

DIN 51524/3	HVLP 32	ISO VG-32
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:

- **BAROS HVI (HVLP 32)** is assigned to category 2 of used oils and thus is free for disposal.

### Miscibility:

- **BAROS HVI (HVLP 32)** Hydraulic oil of HVLP-range is fully compatible to comparable lubrications and can be mixed without any doubts. However, it is recommendable to refill **BAROS HVI (HVLP 32)** Hydraulic Oil of HVLP-range only.

**BAROS HVI (HVLP 32)**

Article No.	Packaging unit	
304 795	Can	20 L
304 796	Drum	60 L
304 798	Drum	200 L
344 799	PE-Container	1000 L

## Typical characteristics:

Specific weight at 15°C	kg/m <sup>3</sup>	857
Viscosity at 40°C	mm <sup>2</sup> /s	31,5
Viscosity at 100°C	mm <sup>2</sup> /s	6,3
Viscosity index		152
Flash point COC	°C	210
Pourpoint	°C	-39
TAN	mgKOH/g	-

