

# ALPHEX HV (HVLP 22)

HVLP Hydraulic Oil according DIN 51524, part 3

## Description:

**ALPHEX HV (HVLP 22)** is a mineral high-performance hydraulic oil with very good viscosity temperature behaviour applicable for high pressure hydraulic systems being exposed to changing temperatures.

## Characteristics

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

## Usable for

|                                |                                   |
|--------------------------------|-----------------------------------|
| DIN 51524/3 HVLP 22            | ISO VG-22                         |
| 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                    | ET19, ET33                        |
| 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                             |

## Disposal:

- **ALPHEX HV (HVLP 22)** is assigned to category 2 of used oils and thus is free for disposal.

## Miscibility:

- **ALPHEX HV (HVLP 22)** 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 22)** Hydraulic Oil of HVLP-range only.

## 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

## 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.

**ALPHEX HV (HVL P 22)**

| Article No.  | Packaging unit |        |
|--------------|----------------|--------|
| STL 1040 785 | Can            | 20 L   |
| STL 1040 786 | Drum           | 60 L   |
| STL 1040 788 | Drum           | 200 L  |
| STL 1440 789 | PE-Container   | 1000 L |

**Typical characteristics:**

|                         |                    |      |
|-------------------------|--------------------|------|
| Specific weight at 15°C | kg/m <sup>3</sup>  | 855  |
| Viscosity at 40°C       | mm <sup>2</sup> /s | 22,4 |
| Viscosity at 100°C      | mm <sup>2</sup> /s | 4,8  |
| Viscosity index         |                    | 145  |
| Flash point COC         | °C                 | 210  |
| Pourpoint               | °C                 | -39  |
| TAN                     | mgKOH/g            | -    |

