

# WACO HV (HVLP 22)

Hydraulic Oil according DIN 51524, part 3

## Description:

**WACO 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.

## Properties

- 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

## 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 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	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:

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

## Miscibility:

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

**WACO HV (HVL 22)**

Article No.	Packaging unit	
1204 785	Can	20 L
1204 786	Drum	60 L
1204 788	Drum	200 L
1244 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	-

