

## AVISTA HYD HVLP 46

AVISTA HYD HVLP 46 is a hydraulic oil produced in a resource-saving way and the best choice for a sustainable future. Thanks to the virtually waste-free base oil production process, which includes a patented technology and re-uses natural resources, this product contributes to the long-term protection of the environment, health, natural resources and the climate. The base oil used in the corresponding proportion has been proven to save up to 1.530 kg/t CO<sub>2</sub> eq compared to conventionally produced base oils. This product is AVleCO<sub>2</sub> qualified.

AVISTA HYD HVLP 46 is formulated with paraffin-based base oils and state-of-the-art additive technology. Active components ensure optimum lubrication performance and long-lasting protection against ageing. The product can be cleaned in the process by finest filtration without losing active components. The high shear stability means permanent optimum viscosity both at low temperatures and during high operating temperature.

### APPLICATION

- Stationary and mobile application in hydraulic systems
- Use also in pump systems and presses
- Use in metalworking machines

### CHARACTERISTICS / APPLICATION BENEFITS

- optimum lubrication performance
- long-lasting protection against ageing
- high viscosity index

### SPECIFICATIONS

- DIN 51524-3

### RECOMMENDATIONS

- ISO 11158
- ASTM D6158
- JCMAS P041 HK
- AIST 126 + 127
- SAE MS 1004
- GM LS 2

### TYPICAL CHARACTERISTICS

(The given data are typical data.)

Parameter	Method	Unit	
Density 15 °C	DIN EN ISO 12185	g/cm <sup>3</sup>	0,862
Kin. Viscosity @ 40 °C	ASTM D7279	mm <sup>2</sup> /s	43,1
Kin. Viscosity @ 100 °C	ASTM D7279	mm <sup>2</sup> /s	7,9
Viscosity Index	ASTM D2270		155
Flash point COC	DIN ISO 2592	°C	220
Pour point	ASTM D7346	°C	-39
FZG-Test A8,3/90	DIN ISO 14635-1		SKS: 12
shear stability (visc. drop 20 h KRL)	DIN 51350-6	%	<20
CO <sub>2</sub> eq*	DIN ISO 14040/44	kg/kg	0,197

\* This value refers only to the base oil content KERNSOLVAT® in the product.

We reserve the right to change the general characteristics of our product so that our customers can benefit from the latest technological advances.

### AVAILABLE PACKING UNITS

Bulk	965 litres	208 litres	60 litres	20 litres	4x5 litres	4x4 litres	12x1 litre
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