



Technical Data Sheet

HLP 32 (product code 1000)

OptimOil HLP 32 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 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 CO₂ eq compared to conventionally produced base oils. This product is AVIeCO₂ qualified.

OptimOil HLP 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 and has an above-average viscosity index compared to conventional HLP hydraulic oils and is also ideally suited for use in metalworking machines.

APPLICATION

optimum lubrication performance
long-lasting protection against ageing
above-average viscosity index

CHARACTERISTICS / APPLICATION BENEFITS

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

SPECIFICATIONS

DIN 51524-2

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 ³	0,858
Kin. Viscosity @ 40 °C	ASTM D7279	mm ² /s	31,4
Kin. Viscosity @ 100 °C	ASTM D7279	mm ² /s	5,6
Viscosity Index	ASTM D2270	114	
Flash point COC	DIN ISO 2592	°C	230
Pour point	ASTM D7346	°C	-27
FZG-Test A8,3/90	DIN ISO 14635-1	SKS: 12	
CO ₂ eq*	DIN ISO 14040/44	kg/kg	0,208