

Hydraulic Oil HLP 46

DESCRIPTION

High performance hydraulic oil with optimal anti-wear properties (AW-Additives) and high load capacity of the lubrication film. Its excellent oxidation resistance delivers good performance at higher temperatures and extended operating intervals. Antioxidants and corrosion-inhibitors, high pressure absorption, good ageing and temperature resistance, no foam absorbance, good demulsification. Neutral toward ferrous metals and almost all nonferrous metals, wristbands and gasket-materials.

Classification and specification DIN 51524: HLP 46
SEB (German Steel Industry) 181226 HLP 46

TECHNICAL DATA

ISO-Viscosity grade	: VG 46		DIN 51519
Density at +15°C	: 0,880	g/cm ³	DIN 51757
Viscosity at +40°C	: 46	mm ² /s	DIN 51562
Viscosity at +100°C	: 6,7	mm ² /s	DIN 51562
Viscosity index	: 97		DIN ISO 2909
Flash point	: 226	°C	DIN ISO 2592
Pour point	: - 25	°C	DIN ISO 3016
Ash, sulfate	: 0,17	g/100g	DIN 51575
Neutralization number, acid	: 0,5	mg KOH/g	DIN 51558 part 1
Corrosion effect on Cu	: Korr.-Gr. 1-125 A3		DIN 51759
Foaming Test	: S1B-30/0 S2B-50/0 S3B-30/0		DIN 51566
FZG-Toothed wheel short testing			
Normal testing A/16,6/90	: loss power level 12		DIN 51354 part 2

AREA OF USE

Hydraulic systems containing gears and bearings where good anti-wear properties are required, where wide ambient temperatures are encountered, even under the influence of water. On and off-highway industries including: trucking, construction, mining, quarrying, and agriculture.

PACKAGING UNITS

Hydraulic oil HLP 46	1l	part no. 1117
	20 l	part no. 1110
	60 l	part no. 1111
	205 l	part no. 1112
	offene Ware	part no. 1120

PI 01/02/05

Our information is based on thorough research and may be considered reliable, although not legally binding.

