



Neste Hydraulic HLP 46 ZFX

Zinc free industrial hydraulic oil

PERFORMANCE CLAIMS

DIN 51524 part 2, HLP
 ISO 11158 HL, HM
 Denison HF-0, HF-1, HF-2
 Vickers (Eaton) I-286-S
 Vickers (Eaton) M-2950-S
 Cincinnati Machine P-70
 Bosch Rexroth RE 90 220
 DIN 51506 VDL

DESCRIPTION

Neste Hydraulic HLP 46 ZFX is an ashless high quality hydraulic oil for industrial applications. It has excellent antiwear properties and filterability. The additive system is based on environmentally friendly chemistry which doesn't contain any metals.

SPECIAL FEATURES AND BENEFITS

- Effective protection against wear
- Good corrosion protection
- Good oxidation stability
- Zinc free additive system

TYPICAL CHARACTERISTICS

Density kg/m ³ 15°C	875
Flash Point °C (COC)	227
Pour Point °C	-27
Viscosity index	104
Viscosity cSt/ 40 °C	46
Viscosity cSt/ 100 °C	6.8
FZG test (A/8,3/90) DIN 51354, pass	12

APPLICATIONS

Neste Hydraulic HLP 46 ZFX is a high performance hydraulic oil for various industrial hydraulic systems. Neste Hydraulic HLP 46 ZFX is the right especially when a zinc free oil with excellent filterability is required.

Neste Hydraulic HLP 46 ZFX can be used also as compressor oil and it fulfills the requirements on DIN 51506 VDL, including the Pneuop oxidation stability test (DIN 51352-2)