



Product Information 08.10.20

17-05-2025

Perlus ZF 46

Description

Perlus ZF 46 is a high-grade zinc-free EP hydraulic oil based on selected solvent refined base oils having a natural viscosity index, under addition of additives to obtain the following properties:

- An excellent protection against wear
- A very good activity against rust and corrosion
- An excellent stability against oxidation
- Very good demulsification properties
- Very good deaerating and foam-suppressing properties
- Good compatibility with seals and gaskets made from synthetic material
- Low pour point

Application

Perlus ZF 46 may be used for heavy-duty hydraulic equipment, as well as for light-duty gearboxes and bearings. This hydraulic oil may also be used for lubrication systems, general lubrication and vacuum pumps (with the exclusion of turbines). This oil can be used in systems with silver parts.

Specifications

AFNOR NF E 48-603 HM

AIST (US Steel) 126/127/136

Bosch Rexroth RDE 90235

Cincinnati Machine P-70

Denison HF-0/HF-1/HF-2

DIN 51524-2 HLP

Eaton (Vickers) M-2950-S

ISO 11158 HM

ISO 6743-4 HM

SEB 181 222

Typicals

Density at 15 °C, kg/l	0,879
Viscosity 40 °C, mm ² /s	46,00
Viscosity 100 °C, mm ² /s	6,90
Viscosity Index	103
Flash Point COC, °C	215
Pour Point, °C	-27
Acid number, mgKOH/g	0,12
Sulphate Ash, %	<0.01

The data mentioned in this product information sheet is meant to enable the reader to orientate himself about the properties and possible applications of our products. Although this overview is composed with all possible care on the stated date, the compiler does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors. The terms of delivery of the supplier apply to all product supplies. The reader is advised, especially for critical applications, to make the final product choice in consultation with the supplier. Due to continual product research and development, the information contained herein is subject to changes without notification.