



Product Information 08.10.21

17-05-2025

Perlus ZF 68

Description

Perlus ZF 68 is a premium, zinc-free 'Extreme Pressure' hydraulic oil, based on specially selected solvent-refined base oils, with a natural viscosity index and supplemented with additives to achieve the following properties:

- Outstanding wear resistance
- Very effective against corrosion
- Excellent oxidation stability
- Excellent demulsifier
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- A low pour point

Application

Perlus ZF 68 is suitable for both heavy-duty hydraulic installations and for gear transmissions and bearings subjected to a light load. This oil is also highly suitable for use as circulation lubrication, for vacuum pumps and general mechanical lubrication (with the exception of turbines). Perlus ZF 68 can be used in systems containing silver-plated components.

Specifications

AFNOR NF E 48-603 HM

AIST (US Steel) 126/127/136

Cincinnati Machine P-69

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	0,884
Viscosity 40 °C, mm ² /s	68,00
Viscosity 100 °C, mm ² /s	8,70
Viscosity Index	104
Flash Point COC, °C	248
Pour Point, °C	-30
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.