

Product Information 08.10.04

09-06-2025

Perlus AF 100

Description

Perlus AF 100 is a premium 'Extreme Pressure' hydraulic oil, based on specially selected solvent-refined base oils, with a naturally high viscosity index, supplemented with additives to achieve the following properties:

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

Application

Perlus AF 100 is suitable for both heavy-duty hydraulic installations and for gear transmissions and bearings subject to a light load. Furthermore, Perlus AF 100 is also highly suitable for use as circulation lubrication (with the exception of turbines), for vacuum pumps and general mechanical lubrication.

Specifications

AFNOR NF E 48-603 HM

ASTM D 6158 HM

DIN 51524-2 HLP

ISO 11158 HM / 6743-4 HM

ISO 6743-3 DVC

Typicals

Density at 15 °C, kg/l	0,893
Viscosity 40 °C, mm ² /s	100,00
Viscosity 100 °C, mm ² /s	11,00
Viscosity Index	97
Flash Point COC, °C	235
Pour Point, °C	-27
Acid number, mgKOH/g	0,40
Sulphate Ash, %	0,09
Conductivity, pS	48

Available packagings



37076
20 L pail



32038
20 L can



12128
60 L drum



12226
208 L drum



34429
1000 L IBC

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.