



Product Information 08.10.02

17-05-2025

Perlus AF 46

Description

Perlus AF 46 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 46 is suitable both for heavy-duty hydraulic installations and for gear transmissions and bearings subject to light loads. Furthermore, Perlus AF 46 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

AIST (US Steel) 126/127

ANSI/AGMA 9005-E02-RO

ASTM D 6158 HM

Bosch Rexroth RDE 90235

Cincinnati Machine P-70

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

DIN 51524-2 HLP

Eaton E-FDGN-TB002-E

Eaton (Vickers) M-2950-S (35VQ25) / I-286-S3

GB 11118.1

GM LS-2

ISO 11158 HM / 20763 / 6743-4 HM

JCMAS P041 HK

SEB 181222

SAE MS 1004

ISO 6743-3 DVC

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.

Typicals

Density at 15 °C, kg/l	0,875
Viscosity 40 °C, mm ² /s	46,60
Viscosity 100 °C, mm ² /s	6,76
Viscosity Index	98
Flash Point COC, °C	212
Pour Point, °C	-36
Acid number, mgKOH/g	1,50
Sulphate Ash, %	0,09
Conductivity, pS	124

Available packagings



37530
15 L Bag in
Box



37074
20 L pail



32037
20 L can



12126
60 L drum



12224
208 L drum