



Product Information 08.10.10

17-05-2025

Perlus H 46

Description

Perlus H 46 is a premium, multigrade 'Extreme Pressure' hydraulic oil based on specially selected solvent-refined base oils. It is supplemented with special additives to achieve the following properties:

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

Application

Perlus H 46 is ideally suited to all heavy-duty hydraulic systems in earth-moving machinery and in fixed installations that are required to operate under high pressures and within a wide temperature range.

Specifications

AFNOR NF E 48-603 HV

ASTM D 6158 HV

Bosch Rexroth RDE 90220

Cincinnati Machine P-70

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

DIN 51524-3 HVL

Eaton 03-401-2010 Rev-1 (35VQ25) / Brochure 694

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

GB 11118.1

GM LS-2

ISO 11158 HV / 6743-4 HV

Typicals

Density at 15 °C, kg/l	0,856
Viscosity 40 °C, mm ² /s	45,80
Viscosity 100 °C, mm ² /s	8,04
Viscosity Index	149
Flash Point COC, °C	220
Pour Point, °C	-42
Acid number, mgKOH/g	0,40
Sulphate Ash, %	0,06
Conductivity, pS	137

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.

Available packagings



32849
1 L bottle



31091
5 L can



37483
15 L Bag in
Box



37071
20 L pail



32035
20 L can



12124
60 L drum



12222
208 L drum

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.