



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

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Available packagings32849
1 L bottle31091
5 L can37483
15 L Bag in
Box37071
20 L pail32035
20 L can12124
60 L drum33858
200 L drum37184
200 L drum12222
208 L drum12729
1000 L IBC

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