

Product Information 08.10.17

17-05-2025

Perlus HCD 46

Description

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

- A high and stable viscosity index
- Outstanding wear resistance
- Very effective against corrosion
- Excellent oxidation stability
- Excellent cleaning and dispersion
- Excellent air-release and resistance to foaming
- Does not affect synthetic seals
- Ability to absorb small quantities of water
- A very low pour point

Application

Perlus HCD 46 is ideally suited to 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. Perlus HCD 46 should not be used in systems containing silver-plated components.

Specifications

DIN 51524-3 HVLPD

Typicals

Density at 15 °C, kg/l	0,861
Viscosity 40 °C, mm ² /s	46,00
Viscosity 100 °C, mm ² /s	8,35
Viscosity Index	153
Flash Point COC, °C	226
Pour Point, °C	-39
Acid number, mgKOH/g	0,60
Sulphate Ash, %	0,11
Conductivity, pS	709

Available packagings



37777
15 L Bag in
Box



35461
20 L pail



32296
20 L can



34321
60 L drum



34057
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.