



Product Information 08.10.14

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Perlus Biosynth 46

Description

Perlus Biosynth 46 is an extremely modern, biodegradable, hydraulic oil, based on synthetic esters. The latest additives technology, combined with synthetic base oils, provide Perlus Biosynth 46 with the following special properties:

- Outstanding wear and corrosion resistance: long and reliable service life of hydraulic components
- A high and stable viscosity index: ensures that the hydraulic system operates consistently, whatever the temperature conditions
- Does not affect seals: no risk of leakage
- Rapid air-release and a low tendency to foam: high level of reliability
- Stable oxidation, even at a high temperature: long-life hydraulic oil
- Effective water repellence

Application

Perlus Biosynth 46 is ideally suited to heavy-duty hydraulic systems that are required to operate under high pressures and within a wide temperature range. This hydraulic oil has been developed for situations in which environmental pollution can be expected in combination with prolonged high operating temperatures.

Specifications

EU Ecolabel

Swedish Standard SS 15 54 34

ISO 15380 HEES

Biodegradability according OECD 301 B > 70%

Elastomer compatibility:

Tested Nitrile Butadiene NBR1-pass

Tested Fluor Carbon FMK2-pass

Typicals

Density at 15 °C, kg/l	0,919
Viscosity 40 °C, mm ² /s	47,00
Viscosity 100 °C, mm ² /s	9,35
Viscosity Index	192
Flash Point COC, °C	292
Pour Point, °C	-33
Acid number, mgKOH/g	1,31
Conductivity, pS	26

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Available packagings



36571
20 L Bag in
Box



57016
20 L pail



12164
60 L drum



12261
208 L drum

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