



## Product Information 08.10.14

21-03-2014

### 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

As a hydraulic medium, 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

DIN 51524-3 HVLP                      CEC L-33-T-82 > 90% (3 weeks)

#### Typicals

Density at 15 °C, kg/l	0,915
Viscosity 40 °C, mm <sup>2</sup> /s	48,10
Viscosity 100 °C, mm <sup>2</sup> /s	9,35
Viscosity Index	182
Flash Point COC, °C	270
Pour Point, °C	-40
Acid number, mgKOH/g	1,70

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