

Product Information 08.10.16

10-08-2022

Perlus Biosynth 32

Description

Perlus Biosynth 32 is an extremely modern, biodegradable, hydraulic oil, based on synthetic esters. The latest additives technology, combined with synthetic base oils, provides Perlus Biosynth 32 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 32, as a hydraulic medium, 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	0,930
Viscosity 40 °C, mm ² /s	33,20
Viscosity 100 °C, mm ² /s	6,95
Viscosity Index	177
Flash Point COC, °C	280
Pour Point, °C	-51
Acid number, mgKOH/g	0,60
Conductivity, pS	34

Available packagings



34651
20 L pail



32678
60 L drum



33437
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.