

PLANTOSYN 3268

Environmentally friendly, HVI multigrade hydraulic oil with high temperature stability based on fully-saturated, synthetic esters (HEES), rapidly biodegradable according to OECD 301 B > 60%

Description

PLANTOSYN 3268 is an environmentally friendly, high-performance hydraulic and lubricating oil based on saturated synthetic esters. It is designed for the toughest demands in construction machinery, earth moving equipment, forestry and agriculture machineries. Suitable also for loading cranes, floor conveyor vehicles and hydraulic platform systems in trucks.

PLANTOSYN 3268 is the environmentally friendly alternative to mineral oil based hydraulic fluids. PLANTOSYN 3268 is recommended by leading manufacturers of machinery and hydraulic components. The product is not water-soluble. If leakage occurs or oil is lost, e.g. if a hydraulic hose bursts, PLANTOSYN 3268 is held largely in the upper layers of the soil, where it is rapidly biodegraded. PLANTOSYN 3268 is rapidly biodegradable, > 60% according to the world-wide accepted OECD 301 B test.

Application

PLANTOSYN 3268 is recommended for use in hydraulic systems which require engine oils or hydraulic fluids of corresponding viscosity classes (ISO VG 32, 46, 68). The operating temperatures should be between - 30 °C and 100 °C. Temperatures above 100 °C are permitted for a short period.

After changing over to PLANTOSYN 3268, the oil filters in the hydraulic system should be inspected after 50 hours of operation and be replaced if necessary, in the interest of operating safety. The change-over guidelines according to ISO 15380 should be observed.

Advantages

- Awarded with the European Ecolabel
- Rapidly biodegradable according to OECD 301 B, > 60%
- Excellent ageing stability
- Excellent low-temperature behaviour
- Oil drain intervals can be extended
- Excellent shear stability, no shearing
- Based on saturated synthetic esters (HEES)
- High viscosity index

Specifications/Approvals

- ISO 15380: HEES
- DIN 51524-3: HVLP ¹⁾
- DIN 51519: ISO VG 46
- O&K Baumaschinen
- FENDT

FUCHS Recommendations

- BOSCH REXROTH AG
- CAT BF-1
- KRAMER ALLRAD
- PALFINGER
- SAUER DANFOSS
- TIMBERJACK
- VALMET / KOMATSU FOREST
- PONSSE

1) HVLP Performance / TOST test without addition of water



EU Ecolabel: DE/027/105

Better for the environment...

- geringfügige Schädigung von Wasser und Boden bei der Anwendung
- enthält einen großen Anteil von Ausgangsstoffen auf biologischer Basis
- reduced harm for water and soil during use
- contains a large fraction of biobased material

... better for you.





PLANTOSYN 3268

Environmentally friendly, HVI multigrade hydraulic oil with high temperature stability based on fully-saturated, synthetic esters (HEES), rapidly biodegradable according to OECD 301 B > 60%

Typical technical data:

Properties	Unit	3268	Test method
ISO VG		46	DIN 51519
Kinematic viscosity at 40 °C	mm ² /s	46.0	DIN EN ISO 3104
at i 100 °C	mm ² /s	8.2	
Viscosity index	-	150	DIN ISO 2909
Density at 15 °C	kg/m ³	913	DIN 51757/DIN ISO 6618
Flashpoint (COC)	°C	280	DIN ISO 2592
Pourpoint	°C	- 36	DIN ISO 3016



PLANTOSYN 3268

Environmentally friendly, HVI multigrade hydraulic oil with high temperature stability based on fully-saturated, synthetic esters (HEES), rapidly biodegradable according to OECD 301 B > 60%

The information contained in this product information is based on the experience and know-how of FUCHS EUROPE SCHMIERSTOFFE GMBH in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc. For this reason, universally-valid statements about the function of our products are not possible. The information given in this product information represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application.

We therefore recommend that you consult a FUCHS EUROPE SCHMIERSTOFFE GMBH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without warning, unless otherwise provided in customer-specific agreements. With the publication of this product information, all previous editions cease to be valid.

Any form of reproduction requires express prior written permission from FUCHS EUROPE SCHMIERSTOFFE GMBH.

© FUCHS EUROPE SCHMIERSTOFFE GMBH. All rights reserved.