PRODUCT INFORMATION



PLANTOGEL 2 S (EAL)

Description

PLANTOGEL 2 S (EAL) is an environmentally friendly grease based on lithium soap and rapidly biodegradable, synthetic ester of renewable raw materials

PLANTOGEL 2 S (EAL) is approved with the Ecolabel and contains additives to improve oxidation resistance, EP properties, and corrosion protection.

Application

PLANTOGEL 2 S (EAL) is used for lubrication of plain and roller bearings where water and earth are at risk, i.e. in water turbines or in agriculture and forestry.

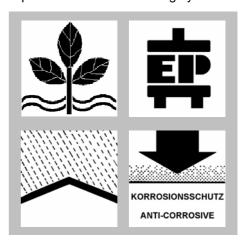
PLANTOGEL 2 S (EAL) is easily pumpable in central lubricating systems.

Shelf Life

The minimum shelf life is 36 months if the product is properly stored between 0°C and 40°C in its unopened original container in a dry place. The indication of a minimum shelf life does not include any guarantee of durability.

Advantages

- Good EP properties
- Good anti-wear protection
- Good low temperature properties
- Good water resistance
- Easily pumpable in central lubricating systems



EU Ecolabel:

PLANTOGEL 2 S (EAL): DE/027/114
PLANTOGEL ECO 2 N: DE/027/113

Better for the environment...



- Geringfügige Schädigung von Wasser und Boden bei der Anwendung
- Enthält einen großen Anteil an Ausgangsstoffen auf biologischer Basis
- Reduced harm for water and soil during use
 Contains a large fraction of biobased materials
 - range fraction of blobased materials

...better for you.

PRELIMINARY PI 5-8408e, Page 1/3, PM 5, 12/13

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Characteristics

Properties	Unit	Value	Test Method
Colour	-	Light brown	-
Thickener	-	Lithium soap	-
Dropping point	°C	≥ 170	IP 396
Penetration worked (Pw 60)	0,1 mm	265 - 295	DIN ISO 2137
NLGI-grade	-	2	DIN 51 818
Corrosion protection properties (Emcor-test) dist. water 0,5% NaCl-solution	Degree of corr.	0 - 0 0 - 0	DIN 51 802
Water resistance	Evalstage	1 - 90	DIN 51 807-1
4-ball welding load	N	3000	DIN 51 350-4
Flow pressure at -40 °C	hPa	≤ 1400	DIN 51 805
Oil separation 18 h / 40 °C	%	≤ 2	DIN 51 817
Base oil viscosity (calculated) at 40°C at 100°C	mm²/s	110 18	FLV-V-28*
Temperature range	°C	-40 to +120	-

^{*} FLV = FUCHS laboratory test method

PRELIMINARY PI 5-8408e, Page 2/3, PM 5, 12/13

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PLANTOGEL 2 S (EAL)

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.

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PRELIMINARY PI 5-8408e, Page 3/3, PM 5, 12/13

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