

PLANTOGEL 2 S

EP Multipurpose Grease

Description

PLANTOGEL 2 S is an EP multipurpose grease based on lithium/calcium soap and rapidly biodegradable synthetic esters.

PLANTOGEL 2 S is water resistant, prevents from corrosion as well as wear and tear, is oxidation-resistant and can be well conveyed in central lubrication systems. PLANTOGEL 2 S contains EP additives to improve the lubricant film's pressure compensation properties.

PLANTOGEL 2 S can be used in a temperature range of -40°C up to +120°C.

Application

PLANTOGEL 2 S is recommended for roller and friction bearings even if highly stressed. Furthermore, PLANTOGEL 2 S is easily pumpable in central lubricating systems.

PLANTOGEL 2 S can be used where conventional greases could contaminate rivers, drinking water or soil.

Advantages

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

Approval

- MAN 283 Li-P 2-B

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.

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Characteristics

Properties	Unit	Value	Test method
Colour	-	Light brown	-
Thickener	-	Li/Ca soap	-
Dropping point	°C	≥ 170	IP 396
Worked penetration (Pw 60)	0,1 mm	265-295	ISO 2137
NLGI grade	-	2	DIN 51 818
Corrosion protection, EMCOR test	Degree of corr.	0 - 0	DIN 51 802
Water behaviour	eval.-stage	1 - 90	DIN 51 807-1
Four ball test, weld load	N	2400	DIN 51 350-4
Oil separation at 18 h / 40 °C	%	≤ 1,5	DIN 51 817
Base oil viscosity at 40 °C at 100 °C	mm ² /s	105 15	FLV-V-28*
Temperature range	°C	-40 up to +120	-

*FLV = FUCHS laboratory test method