

PLANTOGEL 2 N

Grease Based on Rape Seed Oil

Environmentally Friendly and Rapidly Biodegradable

Description

PLANTOGEL 2 N is an environment-friendly grease based on calcium soap and renewable, rapidly biodegradable rape seed oil.

The combination of rape seed oil and anhydrous calcium soap is a perfect supplement of thickener and base oil with regard to temperature capability and range of application. Calcium soap is toxicologically safe.

PLANTOGEL 2 N has excellent lubricating properties and offers wear protection.

PLANTOGEL 2 N is water resistant, has an excellent adhesive capacity and protects against corrosion.

Application

PLANTOGEL 2 N is recommended for all re-lubricating points requiring conventional NLGI 2 greases. It is suitable for grease nipples, as total loss lubrication in agriculture and forestry, and as open gear lubrication in case of water or soil contamination, i.e. lock gates, sewage treatment plants, grease points and, lifting devices, chains, bolts, open gears, tow couplings, garage doors, battery terminals etc.

Attention!

Do not use PLANTOGEL 2 N for wheel hubs, universal shafts and hot water pumps.
Do not mix PLANTOGEL 2 N with other greases.

Advantages

- Good corrosion protection
- Good water resistance
- Strongly adhesive
- Good wear protection

Shelf Life

The minimum shelf life is 12 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
Classification	-	KX 2 C-20	DIN 51 502
Colour	-	light brown	-
Thickener	-	calcium soap	-
Dropping point	°C	>110	IP 396
Worked penetration (Pw 60)	0,1 mm	265 - 305	DIN ISO 2137
Oil separation 18h / 40°C	%	< 1,5	DIN 51 817
Rust inhibiting properties Emcor Test	degree of corrosion	0 - 0	DIN 51 802
Base oil	-	rape seed oil	-
Temperature range short term	°C	-20 to +70 +90	DIN 51 825



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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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