

SF09 perma Multipurpose bio grease

Rapidly biodegradable special grease

Description

perma SF09 is a fully synthetic and rapidly biodegradable special grease classified in water pollution category 1. In accordance with the CEC-L-33-A-93 test, biodegradability after 21 days is > 70%.

perma SF09 is very resistant to water, protects against corrosion, shows a good load-carrying capacity and ageing resistance.

Application

perma SF09 should be used wherever there is a risk of the lubricant contaminating the soil or water. It is therefore recommended for applications in water treatment plants, hydroelectric power plants, installations in ports, paper mills, etc., to lubricate rolling and plain bearings, chains, joints, open drives, ropes, racks and gear rims. It is also suitable for the lubrication of wood-working machines, construction machines, agricultural and forestry equipment as well as truck chassis. perma SF09 can also be used in water sports vehicles, bicycles, lawn mowers and similar outdoor equipment.

Application information

perma SF09 is a lubricant especially developed for the perma Lubrication Systems. To ensure adequate metering and maintenance-free lubrication, this product is only available in an perma Lubrication System.

Shelf life

Shelf life is approx. 12 months if the product is stored in its unopened original container in a dry and frost-protected place.

Pack size

perma Lubrication Systems
400 g - cartridges on request (for pre-lubrication with manual grease gun)

perma SF09

- Rapidly biodegradable
- Water pollution category WGK 1
- Very adhesive
- Fully synthetic
- Very resistant to water
- Good load-carrying capacity
- Good low-temperature properties
- Good pumpability

Sourcing reference

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Product data

Base oil	ester
Thickener	polyurea
Base oil viscosity, DIN 51562, at 40°C, mm ² /s	100
at 100°C, mm ² /s	28
Colour	brown
Water pollution category	1
Density, DIN 51757, at 20 °C, g/cm ³ , approx.	0.93
Drop point, DIN ISO 2176, °C	> 220
Biodegradability, CEC-L-33-A-93, 21 days, %	> 70
Speed factor, (n x d _m), approx.	3 x 10 ⁵
Consistency, NLGI grade, DIN 51818	2
Service temperature range, °C	- 40 to 140