



## perma Multipurpose bio grease SF09

Rapidly biodegradable special grease

### Advantages for your applications

- 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

### Description

perma Multipurpose bio grease SF09 is a fully synthetic and rapidly biodegradable special grease classified in water pollution category 1. In accordance with the OECD 301 F test, biodegradability after 28 days is > 60 %. perma Multipurpose bio grease SF09 is very resistant to water, protects against corrosion, shows a good load-carrying capacity and ageing resistance.

### Application

perma Multipurpose bio grease 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.

### Application information

perma Multipurpose bio grease 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.

### Packaging

- perma lubrication systems
- Cartridge 400 g
- Pail 1 kg
- Pail 5 kg



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### Product data

Base oil	ester
Thickener	polyurea
Lower service temperature	-40 °C / -40 °F
Upper service temperature	140 °C / 284 °F
Colour space	beige
Density at 20 °C	approx. 0.94 g/cm <sup>3</sup>
Kinematic viscosity of the base oil, DIN 51562, 40 °C	approx. 120 mm <sup>2</sup> /s
Kinematic viscosity, DIN 51562, 100 °C	approx. 28 mm <sup>2</sup> /s
Speed factor (n x dm)	approx. 300 000 mm/min
Drop point, DIN ISO 2176	> 220 °C
NLGI grade, DIN 51818	2
Biodegradability according to OECD 301 F, (within 28 days)	>= 60 %