

perma BIO PU SYN 120-2 (SF09)

Previous name: perma Multipurpose bio grease SF09

RAPIDLY BIODEGRADABLE SPECIAL GREASE

perma BIO PU SYN 120-2 (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 BIO PU SYN 120-2 (SF09) is very resistant to water, protects against corrosion, shows a good load-carrying capacity and ageing resistance.

Advantages



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

Application

perma BIO PU SYN 120-2 (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 BIO PU SYN 120-2 (SF09) is a lubricant especially developed for perma lubrication systems. To ensure adequate metering and maintenance-free lubrication, this product is only available in 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

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 ³
Kinematic viscosity of the base oil, DIN 51562, 40 °C	approx. 120 mm ² /s
Kinematic viscosity, DIN 51562, 100 °C	approx. 28 mm ² /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 %



Roller bearings



Sliding bearings



Gears