specialty lubricants

Eurol Grease PFP-2/102-S FD

Food grade PFPE / PTFE based lubrication grease

Article number S005140 Version 1.2 25/09/2026

Product information

Eurol Grease PFP-2/102-S FD with SYNGIS Technology is a professional, fully synthetic grease based on PFPE and micronized PTFE, developed for extreme conditions in the food industry, pharmaceutical industry, and chemical industry.

Eurol Grease PFP-2/102-S FD is suitable as a lubricant or sealing agent in bearings, autoclaves, curing and bakery ovens, electrical contacts, steam valves, machine parts/seals in chemically aggressive conditions, screw threads in refineries and chemical plants, and for lifetime lubrication.

Eurol Grease PFP-2/102-S FD is food-grade NSF H1 certified and thus suitable for incidental food contact in, among others, the food industry, pharmaceutical industry, hospitality, agriculture, and arable farming.

Product benefits

- NSF H1, 161481
- Very resistant to high temperatures.
- Non-flammable.
- Inert to aggressive gases and chemicals (except fluorinated solvents).
- Inert to radiation.
- Excellent anti-wear properties.
- Excellent corrosion protection.
- Shear stable.
- Oxidation stable.
- No leaking oil.
- Compatible with all elastomers, rubber, and metal sealing materials.
- Low friction coefficient.
- Energy-saving
- Economical in use.

Instructions for use

- Never mix with other greases.
- Clean the system thoroughly.
- Contact your Eurol sales specialist for additional instructions and application advice.

Performance level

- NLGI Grade 2

Physical properties

Characteristic	Value/Result	ASTM Standard
Base oil viscosity	500 cSt	ASTM D 445
Color	white	
Operating temperature	°C Min: -30 Max: 285 °C	
Density at 20°C	1.93 kg/l	ASTM D 4052
Base oil type	Perfluoropolyether	
Thickener type	Micronized PTFE	
NLGI consistency	2	

Eurol B.V., Energiestraat 12, 7442 DA Nijverdal, The Netherlands, tel. +31 88 250 22 00, info@eurol.com, eurol.com

This document is intended to inform you about the product features and possible applications of Eurol products. The information in this document is subject to change at any time without prior notice due to ongoing product research and development. The analysis data in this sheet contains typical values. Minor deviations, which can occur during the normal manufacturing process of the product, will not affect the quality of the product. Although this information sheet has been compiled with great care, Eurol accepts no liability for damages resulting from any incompleteness and/or inaccuracies in the text. We always advise you to follow the manufacturer's instructions. The translations provided here are made using ChatGPT, an AI language model developed by OpenAI. While we strive to deliver accurate and useful translations, we cannot guarantee that all translations are error-free or always capture the correct context and nuances.