



## APPLICATIONS

**Eni Rubus PFPE 2** is a full synthetic 'food grade' grease formulated with PFPE base (perfluorethane polyether) and PTFE thickener (polytetrafluoroethylene).

It is particularly suitable for lubrication of bearings, guides, gears and chains operating at very high temperature thanks to the excellent thermal stability that makes it suitable for applications with peaks up to 270°C and in aggressive environments with presence of: chemical reagents, gases, concentrated acids, alcohols, ketones, acid cleaners or alkaline and whitening agents thanks to the special formulation that makes it chemically inert.

It's also indicated for the lubrication of rubber and plastic components.

**Eni Rubus PFPE 2** is approved and registered NSF H1 (No. 151358) as authorized grease for applications where is possible the accidental foods contact.

The use of greases registered NSF H1 is the most effective solution to meets the requirements needed for risk prevention indicated by the Hazard Analysis and Critical Control Point (HACCP) system.

## CUSTOMER ADVANTAGES

- Formulated exclusively with additives listed in the FDA 21 CFR 178.3570 group
- Exempt from genetically modified raw materials, substances and allergens such as walnut oil, soybean oil, dairy and animal derivatives
- Good corrosion protection and good vapor and water washout resistance
- Chemically inert and resistant to acids and to strong bases, halogen, solvents, aggressive chemicals and alkaline baths
- Wide relubrication intervals
- Excellent stability that allows to high temperature applications up to 270°C and load resistance

## SPECIFICATIONS & APPROVALS

- NSF H1 - n° 151358
- ISO 12924 L-XCGHB 2





- Kosher
- Halal
- DIN 51825 KFK 2U -30

## CHARACTERISTICS

Properties	Method	Unit of Measure	Typical
Consistency (NLGI grade)	-	-	2
Thickener type	-	-	PTFE
Base oil type	-	-	PFPE
Base oil viscosity at 40 °C	ASTM D 445	mm <sup>2</sup> /s	240
Appearance	-	-	smooth
Colour	-	-	white
Drop point	ASTM D 566	°C	absent
Penetration, worked, 60 d. s.	ASTM D 217	dmm	280
4 Balls weld load	ASTM D 2596	kg	> 750
Temperature range		°C	-35/+250 peacks up to 270)

## WARNINGS

- We advise to store the 'food grade' lubricants separately from traditional lubricants and chemicals, in a covered environment and at a temperature between 0 and +40°C

