



## APPLICATIONS

**Eni Rubus Universal 1** is a “food grade” high performance grease, formulated with a synthetic base oil (PAO), aluminium complex thickener, with a special combination of antiwear, antirust, antioxidant, EP (Extreme Pressure) additives and with white solids lubricants.

**Eni Rubus Universal 1** has a wide range of applications in the food, pharmaceutical, cosmetic, pet food and food for cattle industries.

Particularly recommended for the lubrication of bearings, gears, chains, conveyors, joints, gaskets operating in very severe conditions like:

- in presence of high loads, shocks and vibrations;
- in hot environments and in presence of steam;
- in refrigerators or in cold and wet environments;
- in presence of water, in washing lines of fruits/vegetables and in bottling plants;
- in fan bearings.

**Eni Rubus Universal 1** is formulated exclusively with additives listed in the FDA Group 21 CFR 178.3570 and they are free of genetically modified materials, main allergens substances like nut oil, soya oil, dairy industry derivatives and animal derived materials.

## CUSTOMER ADVANTAGES

- Meets the requirements of the HACCP (Hazard Analysis and Critical Control Point) System thanks to NSF H1 (incidental contact with food) registration;
- Suitable for applications at very high and very low temperature thanks to its high thermal stability;
- Very good pumpability at low temperature;
- High resistance to loads, shocks and vibrations;
- Outstanding resistance to water washout and to the main detergents and cleaners;
- Very good protection of the machinery against rust and corrosion;
- Compatible with the elastomers normally used in food machinery lubrication systems.





## SPECIFICATIONS - APPROVALS

- NSF H1 - n° 151353
- ISO 12924 L-XDDDB 1
- DIN 51825 KPFHC 1N -40
- Kosher
- Halal

## CHARACTERISTICS

Properties	Method	Unit	Typical
Consistency (NLGI grade)	-	-	1
Thickener type	-	-	aluminium complex
Base oil type	-	-	synthetic
Base Oil Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	350
Solid lubricant	-	-	white solids
Appearance	-	-	smooth
Colour	-	-	whitish
Dropping point	ASTM D 566	°C	>220
Penetration at 60 double stroke	ASTM D 217	dmm	325
4 Balls weld load	ASTM D 2596	kg	400
Temperature range		°C	-40/+140

## WARNINGS

- All "food grade" lubricants should be stored apart from other lubricants, chemical





substances and foodstuffs and out of direct sunlight or other heat sources. Store between 0° C and +40°C.



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