



eni Rubus Universal

eni Rubus Universal are "food grade" high performance greases. They are based on aluminium complex thickener, fully synthetic base oil (PAO) and a special combination of antiwear, antirust, antioxidant, EP (Extreme Pressure) and white solids additives.

CHARACTERISTICS (TYPICAL VALUES)

eni Rubus Universal

NLGI Consistency	-	000	00	0	1	2
Appearance/Colour	-	Whitish	Whitish	Whitish	Whitish	Whitish
Type of base	-	PAO	PAO	PAO	PAO	PAO
Base oil viscosity at 40°C	mm ² /s	350	350	350	350	350
Thickener	-	Al. complex				
Worked penetration at 25°C	1/10mm	445/475	400/430	355/385	310/340	265/295
Dropping point	°C	≥150	≥170	≥190	≥220	≥240
4 Ball EP, Weld load	Kg	350	350	350	400	400
Temperature range	°C	-40/+130	-40/+130	-40/+130	-40/+140	-40/+140

PROPERTIES AND PERFORMANCES

eni Rubus Universal are **NSF H1 approved** and **registered** greases recommended for use where an incidental contact with food can occur.

The use of **NSF H1** registered greases is the most effective solution to meet the request of the **HACCP** (Hazard Analysis and Critical Control Point) System.

eni Rubus Universal are 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;
- animal derived materials.

eni Rubus Universal have the following properties and characteristics:

- stability and outstanding lubricating performance in applications at low and high temperatures;
- high resistance to loads;
- very good pumpability at low temperatures;
- high protection against oxidation, corrosion and wearing;
- excellent water washout resistance;
- very high resistance to ordinary cleaning detergents.

eni Rubus Universal are compatible with the elastomers normally used in food machinery lubrication systems.



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APPLICATIONS

eni Rubus Universal have a wide range of applications in the food, pharmaceutical industries and other clean environments, in particular are indicated for the lubrication of:

- loaded bearings of conveyors;
- bearings and components operating at high temperatures and high loads;
- bearings and components operating in refrigerators or in cold and wet environments;
- bearings and components operating in hot environments and in presence of steam;
- components operating in presence of water, lines of washing fruits/vegetables and bottling plants;
- fan bearings;
- bearings, joints, gaskets and chains where it is recommended to use grease in strict conditions (high temperature and presence of water).

eni Rubus Universal 1 and **2** are “food grade” mainly recommended in all food-processing industries such as bread and pastry industries, canning factories, dairy industries, slaughter houses, pet food and food for cattle.

eni Rubus Universal 0, 00 and **000** are “food grade” particularly fortified with specific tackifier that makes these grades suitable for the lubrication of:

- centrifuges (resistant to centrifugation);
- cams, tracks, and slides where the above mentioned NLGI grade are required in severe conditions (high or low temperatures, presence of water, very humid environments);
- centralized lubrication system, gearboxes and bearings requiring the above mentioned NLGI grade.

SPECIFICATIONS AND APPROVALS

eni Rubus Universal are **NSF H1** registered and the package reports the NSF symbol and registration number:

eni Rubus Universal 000:	n°	151350
eni Rubus Universal 00:	n°	151351
eni Rubus Universal 0:	n°	151352
eni Rubus Universal 1:	n°	151353
eni Rubus Universal 2:	n°	151354

eni Rubus Universal are “Kosher”, “Halal” certified.

eni Rubus Universal meet the requirements of the following classifications:

NLGI Consistency	000	00	0	1	2
ISO 6743-9	L-XDCDB 000	L-XDCDB 00	L-XDCDB 0	L-XDDDB 1	L-XDDDB 2
DIN 51502	GPF000K-40	GPF00K-40	GPF0K-40	KPF1N-40	KPF2N-40

eni Rubus Universal are produced in a plant certified **ISO 21469**.

NOTE

All “food grade” lubricants should be stored from other lubricants, chemical substances and foodstuffs and out of direct sunlight or other heat sources. Store between 0°C and +40°C.