



eni Rubus SIL 3

eni Rubus SIL 3 is a "food grade" inorganic silicone grease designed for the lubrication at extreme temperature, in aggressive environments and ideal to assembly and seal the most type of plastic and rubber.

CHARACTERISTICS (TYPICAL VALUES)

eni Rubus SIL 3

NLGI consistency	-	3
Appearance/Colour	-	Colourless/Opaque
Type of base	-	F.D.A. Silicone
Base oil viscosity at 40°C	mm ² /s	700
Thickener	-	Silica gel
Worked penetration at 25°C	1/10mm	220/250
Dropping point	°C	None
Water Washout	%	<1
Temperature range	°C	-50/+220

PROPERTIES AND PERFORMANCES

eni Rubus SIL 3 is **NSF H1 approved** and **registered** grease 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 SIL 3 is formulated exclusively with additives listed in the **FDA Group 21 CFR 178.3570** and it is free of:

- genetically modified materials;
- main allergens substances like nut oil, soya oil, dairy industry derivatives;
- animal derived materials.

eni Rubus SIL 3 has the following properties and characteristics:

- extremely stable at high temperatures;
- outstanding resistance to water washout;
- insoluble in cold and hot water, steam;
- excellent thermal stability;
- odourless;
- insulating grease (dielectric resistance);
- good chemical resistance;
- very good protection against oxidation, corrosion and calcareous.

eni Rubus SIL 3 is compatible with the elastomers normally used in food machinery lubrication systems.

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APPLICATIONS

eni Rubus SIL 3 is suitable for the lubrication of numerous applications in the food and pharmaceutical industries.

Particularly recommended as lubricating and sealing grease for taps, valves and fittings of plastic and rubbers used for the handling of water, beer, fruit juice and wine.

Generally indicated for the lubrication of:

- o-rings;
- bathroom plumbing;
- expansion valves exposed to high or low temperatures;
- cables drafts and electric line;
- water pump requiring silicone grease.

SPECIFICATIONS AND APPROVALS

eni Rubus SIL 3 is **NSF H1** registered and the package reports the NSF symbol and registration number: n° 151355.

eni Rubus SIL 3 is "Kosher", "Halal" certified.

eni Rubus SIL 3 meets the requirements of the following classifications:

- ISO 6743-9 L-XEGGA 3
- DIN 51502 KSI3S -50

eni Rubus SIL 3 is 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.