



## eni Ribes

**eni Ribes** are "food grade" high performance fluids specially developed for the lubrication of gears, to meet the stringent requirements of food and pharmaceutical industries.

**eni Ribes** are based on a synthetic base (PAO), white pharmaceutical oil and fortified with a special combination of antiwear, anticorrosive and EP additives.

### Characteristics (typical figures):

eni Ribes	Unit	150	220	320	460	680
Kin. Viscosity at 40°C	mm <sup>2</sup> /s	146,5	219,5	329,7	458,7	688,67
	at 100°C	mm <sup>2</sup> /s	18,1	23,8	33,5	42,57
Viscosity index		141	135	143	144	144
Density at 15°C	kg/m <sup>3</sup>	870	870	870	868	866
Flashpoint	°C	230	235	240	240	240
Pourpoint	°C	-18	-22	-25	-25	-25
Appearance		colourless	colourless	colourless	colourless	colourless

### Properties and Performance:

**eni Ribes** are **NSF H1 approved** and **registered** lubricants recommended for use where an incidental contact with food can occur. The use of **NSF H1** registered lubricants is the most effective solution to meet the request of the **HACCP** (Hazard Analysis and Critical Control Point) System.

**eni Ribes** 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 Ribes** have the following properties and characteristics:

- excellent performance in applications working under zero degree or where high temperature are present
- outstanding anti-oxidant and antirust properties
- good cold behaviour
- extended relubrication intervals
- compatible with joints
- odourless, colourless and insipid

**eni Ribes** have outstanding antiwear and EP properties, as demonstrated by the following tests:

- FZG: pass the 12<sup>th</sup> stage level
- 4 Ball Wear: for ISO VG > 150: < 0,32 mm



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### Applications:

**eni Ribes** are recommended for the lubrication of gearboxes, plain and roller bearings with high loads in the food processing industries. **eni Ribes** 150 to 320 oils are also suitable for the lubrication of slideways and conveyor belts.

### Specifications:

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

<b>eni Ribes 150:</b>	151337
<b>eni Ribes 220:</b>	151338
<b>eni Ribes 320:</b>	151339
<b>eni Ribes 460:</b>	151340

**eni Ribes** are "Kosher" and "Halal" certified.

**eni Ribes** meet the requirements of the following classifications/specifications:

ISO 6743/6 CKD  
DIN 51517-3 CLP

**eni Ribes** are produced in a plant certified **ISO 21469**.

### ATTENTION:

All „food grade“ lubricants should be stored from other lubricants, chemical substances and foodstuffs sources. Store between 0°C and +40°C.