eni Ribes SX

**eni Ribes SX** are “food grade” high performance and EP gear lubricants specially developed to meet the stringent requirements of food and pharmaceutical industries. **eni Ribes SX** are based on fully synthetic oil (PAO) and a special combination of antiwear, anticorrosive and EP additives.

**Characteristics (typical figures):**

<table>
<thead>
<tr>
<th>eni Ribes</th>
<th>Unit</th>
<th>150</th>
<th>220</th>
<th>320</th>
<th>460</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kin. Viscosity at 40°C</td>
<td>mm²/s</td>
<td>150</td>
<td>219</td>
<td>320</td>
<td>472</td>
</tr>
<tr>
<td>at 100°C</td>
<td>mm²/s</td>
<td>19,94</td>
<td>28,24</td>
<td>36,16</td>
<td>50,10</td>
</tr>
<tr>
<td>Viscosity index</td>
<td></td>
<td>157</td>
<td>161</td>
<td>162</td>
<td>168</td>
</tr>
<tr>
<td>Density at 15°C</td>
<td>kg/m³</td>
<td>840</td>
<td>840</td>
<td>850</td>
<td>840</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>°C</td>
<td>245</td>
<td>245</td>
<td>250</td>
<td>255</td>
</tr>
<tr>
<td>Pourpoint</td>
<td>°C</td>
<td>-40</td>
<td>-40</td>
<td>-35</td>
<td>-35</td>
</tr>
<tr>
<td>Appearance</td>
<td></td>
<td>colourless</td>
<td>colourless</td>
<td>colourless</td>
<td>colourless</td>
</tr>
</tbody>
</table>

**Properties and Performance:**

**eni Ribes SX** 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 SX** 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 SX** have the following properties and characteristics:
- excellent performance in applications working under zero degree or where high temperature are present
- high thermal and oxidation stability, permitting continuous use at operating temperatures as high as 120°C
- outstanding anti-oxidant and antirust properties
- excellent cold behaviour
- extended relubrication intervals
- compatible with joints
- odourless, colourless and insipid

**eni Ribes SX** have outstanding antiwear and EP properties, as demonstrated by the following tests:
- FZG: pass the 12th stage level
- 4 Ball EP: ~ 200 kg weld load
- 4 Ball Wear: < 0,4 mm
Applications:

_**eni Ribes SX**_ are recommended for the lubrication of gearboxes, plain and roller bearings with high loads in the food processing industries. Suitable for applications at very low and at high temperature. _**eni Ribes SX**_ 150 to 320 are also suitable for the lubrication of slideways and conveyor belts.

Specifications:

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

- _**eni Ribes SX 150**: 151341
- _**eni Ribes SX 220**: 151342
- _**eni Ribes SX 320**: 151343
- _**eni Ribes SX 460**: 151344

_**eni Ribes SX**_ are **“Kosher”** and **“Halal”** certified.

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

- ISO 6743-6 CKT
- DIN 51517 CLP

_**eni Ribes SX**_ 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.