



## APPLICATIONS

**Eni Ribes 680** is a "food grade" high performance fluid specially developed for the lubrication of gearboxes, plains and roller bearings with high loads in the food, pharmaceutical and cosmetic industries.

**Eni Ribes 680** is based on a synthetic base (PAO), white pharmaceutical oil and fortified with a special combination of antiwear, anticorrosive and EP additives.

It is formulated exclusively with additives listed in the FDA Group 21 CFR 178.3570 and it is free of: genetically modified materials, animal derived materials, main allergens substances like nut oils, soya oils and dairy industry derivatives.

## CUSTOMER ADVANTAGES

- Meets the requirements of the HACCP (Hazard Analysis and Critical Control Point) System thanks to NSF H1 (incidental contact with food) registration
- Ensures long drain intervals thanks to outstanding oxidative stability
- Prolongs lubricated component life thanks to excellent anticorrosion properties
- Compatible with joints and elastomers normally used in food machinery lubrication systems
- Ensures effective protection and efficiency of lubricated components thanks to robust antiwear and EP additive system
- Suitable for applications working under zero degree or where high temperature are present thanks to very high viscosity index and outstanding cold behaviour

## SPECIFICATIONS - APPROVALS

- DIN 51517-3 CLP
- NSF H1 - n° 151330
- ISO 12925-1 CKD
- Kosher
- Halal





## CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	Clear
Density at 15°C	ASTM D 1298	kg/m <sup>3</sup>	860
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	680
Viscosity Index	ASTM D 2270	-	144
Flash point	ASTM D 93	°C	>220
Pour point	ASTM D 97	°C	<-25
4 Balls wear	ASTM D 4172	mm	<0.5
FZG (A/8,3/90) - damage rating	ASTM D 5182	-	>12

## WARNINGS

- **Eni Ribes 680** 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.



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