

# MOLYDUVAL

## Soraja GM 460



### Lubrication Oil for Food Industry

A gear oil for circulation systems and gear boxes in food and pharma industry. Conforming to DAB 10 and USDA H1 these pure and clean oils are suitable for use in food industry with incidental food contact. Also the contained corrosion prevention and wear protective additives are FDA and USDA H1 cleared. This oil is also available in many other viscosity classes.

#### characteristics

- \* good anticorrosive properties
- \* compatible with mineral oil
- \* good pressure absorption capacity
- \* infiltrates water
- \* strong extreme pressure treatment
- \* free of harmful components (acc to Gefahrstoffverordnung)
- \* Food grade, i.e. the product fulfills the requirements for an H1 lubricant for use in the food industry
- \* low odor
- \* tasteless
- \* even available in aerosol cans

#### Applications

- \* for gear boxes in food industry
- \* for chains in food industry, for packing and filling machines
- \* for rolling and sleeve bearings in food and pharma industry
- \* for chains, drive and transport chains, in conveying machines, pasteurize plants, sorting stations, peelers, packing and labelling machines, shrinking tunnels
- \* for circulations systems in Food Industry
- \* for anti-friction and sleeve bearings in textile industry
- \* as lubricant for rubber, latex, and plastics
- \* for hooks, sleeve elements, rolls, joints, clutches

#### Technical Datas

Color		transparent
Base Fluid		Paraffin
Viscosity Class	ISO-VG	460
Viscosity 40°C	mm <sup>2</sup> /s	460
Viscosity 100°C	mm <sup>2</sup> /s	33
Viscosity Index		105
Density 40°C	kg/m <sup>3</sup>	880
Temperature Range	°C	-5 -> 120
Pour point	°C	-12
Flash Point COC	°C	205
Wear Protection FZG Test A/8.3/90	Grade	12

*The indicated service temperatures are guide values depending on the lubricants composition and on the application. They may vary in case of special influences or ongoing use.*

For further information, please see our website <https://www.solano-industries.com>

The content of this manual is based on our current knowledge and experience in the development and manufacture of lubricants. Because of the complexity of tribological systems, the effect of our products depends on many parameters, which we cannot assess and which influence we cannot evaluate. For this reason general statements about the function of our products are not possible. The information in this manual, therefore, contains non-binding guidelines, which should give the technical trained reader information on possible applications. The information in this manual does not include property assurances or warranties or guarantees to the properties or suitability of this product in a specific application. Prior to its use it is absolutely necessary to test this product in the application to ensure that the product and its use is safe, economical and fully suitable. It should proceed with due diligence. We reserve the right to change the information in this manual at any time and without notice. All previous versions of this manual are no longer valid. Updating : 18.02.2021