

MOLYDUVAL

Soraja GW 1000



Food-Grade High Temp Gear Fluid

A synthetic industrial polyglycol gear fluid with excellent high temperature stability and low friction coefficient for Food Industry. Excellent wear protection. Specially developed for worm gears. Meets and exceeds specifications which are usually demanded by gear manufacturers of modern industrial gears.

Properties

- * oxidation resistant
- * not compatible with mineral oil
- * high pressure ability
- * 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
- * excellent viscosity temperature behaviour
- * low friction coefficient
- * not compatible with some seal and plastics, please ask for compatibility with special materials

Applications

- * for gear boxes in food industry
- * for chains in high temperature sectors
- * for industrial gears and thread spindles running slowly but loaded heavy
- * for chains in food industry, for packing and filling machines
- * for chains, drive and transport chains, in conveying machines, pasteurize plants, sorting stations, peelers, packing and labelling machines, shrinking tunnels
- * for industrial gear boxes working under high temperatures, or other unfavorable conditions
- * For small worm gearboxes and other small gearboxes with sliding friction, since it has low coefficients of friction

Technical Datas

Color		transparent
Base Fluid		PG
Viscosity Class	ISO-VG	1000
Density 20°C	kg/m ³	1070
Temperature Range	°C	-20 -> +210
Pour point	°C	-31
Viscosity 40°C	mm ² /s	1050
Viscosity 100°C	mm ² /s	178
Flash Point	°C	260
Ash Content	%	< 0,01
Viscosity Index		289

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 www.molyduval.com or consult your local representative.

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.