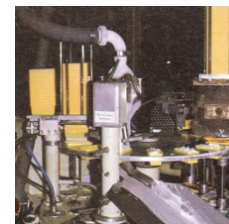
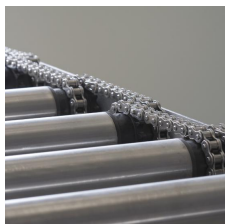


MOLYDUVAL

Soraja GA 100 L



Synthetic Gear Oil for Food Processing Facility

A synthetic industrial gear, bearing and chain fluid with good high temperature stability and wear protection. Based on modern Food - grade and USDA H1 cleared Polyalphaolefines (PAO), it has a good seal compatibility, good corrosion protection and a top high temperature stability. Available even in many other ISO and SAE viscosity classes. It may replace mineral oils in food and pharma industry and therefore represents a step to more safety and cleanliness.

Characteristics

- compatible with mineral oil
- good pressure absorption capacity
- long usability due to good oxidative resistance
- Relatively well compatible with elastomers and plastics (ask for exact compatibility)
- Food grade, conforms to the NSF H1 regulations for use in Food Industry
- excellent viscosity temperature behaviour
- low residue forming

Applications

- for gear boxes in food industry
- for heavy dutied slide surfaces at textile, packing, and plastics machineries
- for high temperature gears
- for hydraulic equipment in food and pharma industry
- for rolling and plain bearings on hot-melt glue machines
- for rolling and sliding bearings on furnace conveyor belts, e.g. in annealing and drying furnaces, baking ovens, rotary kilns
- as sliding agent to plastics, in printing or textile industry
- for bearings in refrigeration equipment
- for calenders in production of polymers such as vinyl and ABS polymer sheets
- for rolling and sleeve bearings in food and pharma industry

Technical Datas

Color		transparent
Base Fluid		PAO
Name		CLPHC100
Viscosity Class	ISO-VG	100
Viscosity 40°C	mm ² /s	100
Viscosity 100°C	mm ² /s	15,8
Viscosity Index		167
Density 40°C	kg/m ³	840
Temperature Range	°C	-40 -> +120
Pour point	°C	-48
Flash Point COC	°C	260
Foam Properties		5/10/5 0/0/0
Halal		meets (*)
No Allergene		meets (*)
No GMO		meets (*)
No MOAH		meets (*)
NSF H1		meets (*)
Pack Size can 5 l		+
Pack Size can 20 l		+
Pack Size drum 200 l		+
Pack Size Container 1000 l		+

The indicated service temperatures are guide values depending on the lubricants composition and on the application. They may vary in

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 : 08.08.2025

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

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*case of special influences or ongoing use.
(*) We do not have a direct approval. The product is manufactured solely in accordance with the approval. Therefore, compliance with the parameters specified in the approval cannot be guaranteed.*