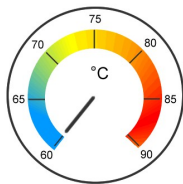


MOLYDUVAL

Soraja AKA 1



High Temp Grease for Food Processing Facility

A highly temperature-resistant rolling bearing grease with good wear protection, very good water resistance, and good corrosion protection, combined with the food compatibility frequently required today. It complies with the USDA H1 guideline for use in the food industry. The ideal combination: an extremely temperature-stable aluminum complex thickener and a thermally stable, synthetic PAO base oil. The additive package offers excellent corrosion, rust, and wear protection properties, as well as EP properties, and therefore provides high lubrication performance under very demanding operating conditions. Long service life. Low aging. Short relubrication intervals are possible. All components are approved according to FDA safety guideline 21 CFR 1783570. Can therefore be used where there is a possibility of incidental contact with food.

Characteristics

- relative good compatible with elastomers and seals
- very good tackiness
- excellent wear protection
- Food grade, conforms to the NSF H1 regulations for use in Food Industry
- good tackiness
- odor less
- withstands many alcohols and acids
- good resistant against cold and hot water, even sea water

Applications

- for anti-friction and sleeve bearings at high temperatures, in ovens, ventilators, engines
- for bearings in refrigeration equipment
- for chains in food industry, for packing and filling machines
- for slide bars in butcheries or slaughterhouses
- for anti-friction and sleeve bearings in fish production
- for hooks, sleeve elements, rolls, joints, clutches
- for roller bearings in wood pellet extruding machines

Technical Datas

Color		white
Base Fluid		PAO
Thickener		AlK
Name		ISO-L-XDEIB1
Name		KPHC1P-40
Consistency Class NLGI		1
Density 15°C	kg/m ³	920
Temperature Range	°C	-40 -> +170
Temperature Range shortly up to	°C	190
Oxidation resistance	kPa	< 35
Dropping Point	°C	> 250
Water Resistance Static	Grade	0
Corrosion Protection Emcor distilled water	Grade	0
NSF H1		meets (*)
USDA H1		meets (*)
Pack Size cartridge 400 ml		+
Pack Size round box 1 kg		+
Pack Size pail 18 kg		+
Pack Size drum 180 kg		+
Customs tariff number		340399

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Technical Datas

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.

() 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.*



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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 : 05.09.2025