

MOLYDUVAL

Pegasus LKA 2 PP



Synthetic high-temperature grease

A light-colored, synthetic, high-temperature grease based on polyalphaolefin for long-term lubrication at high temperatures. It offers very good water resistance and corrosion protection, and can therefore be used in highly humid environments at temperatures up to... It can be used at temperatures up to +200°C. The good oxidation resistance and the use of thermostable base oils allow for short-term temperature peaks exceeding 200°C; however, the grease's service life is then significantly reduced, and more frequent relubrication is required.

PAO-based greases are very compatible with seals and plastics. This grease can replace mineral greases in many applications and is widely used in the automotive industry, not least because of its excellent low-temperature resistance.

Characteristics

- * good corrosion protection
- * High temperature resistant
- * good adhesive strength
- * very good running stability
- * fully synthetic
- * strong EP additive
- * contains FM Additive (Friction Modifier)
- * good water resistance
- * good sealing properties
- * good low temperature properties

Applications

- * for bearings on hot melt machines
- * for bearings on furnace conveyor belts, e.g. in annealing and drying furnaces, baking ovens, rotary kilns
- * For rolling and sliding bearings at high operating temperatures, e.g. bearings on annealing and drying furnaces, rotary kilns, manipulators, cooling bed systems, conveyor systems, hot blast and exhaust gas fans, blowers, electric motors
- * for pretreatment of bearings, guides and threaded spindles that operate in high-temperature environments
- * for rolling and sliding bearings on paper machines in dry and wet areas
- * for high-temperature bearings in high-speed vehicles

Technical data

Color		brown
Base oil		PAO
Designation		ISO-L-XCFHB2
Designation		KPHC2R-30
Consistency, NLGI		2
viscosity grade, base oil,	mm ² /s	460
40°C temperature range	°C	-30 -> +180
Temperature range short-term to	°C	230
oxidation stability	kPa	< 30
Dropping point	°C	280
Water resistance, static corrosion protection,	Grade	0-90
Emcor, WWO, distilled water	Grade	0

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

The information in this product information reflects the current state of our knowledge and experience in the development and manufacture of lubricants. Due to the complexity of tribological systems, the performance of our products depends on many parameters that we cannot assess or evaluate. Therefore, it is not possible to make general statements about the function of our products. The information in this product information thus represents non-binding guidelines intended to provide technically experienced readers with information on possible applications.

This information does not constitute any representations, warranties, or guarantees regarding the properties or suitability of this product for any specific application. Prior to using this product, it is essential to conduct tests to ensure that it is safe, economical, and fully suitable for the intended use.

We will proceed with due diligence. We reserve the right to make changes in the interest of technical development. We also reserve the right to change the information in this product information at any time and without notice. Announcement subject to change. All previous product information becomes invalid upon publication of this product information. Date: March 19, 2021

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Technical data

Temperature range specifications are guidelines based on the product composition and recommended applications. They may vary significantly under certain conditions or change during use.

For further information, please contact our application engineering staff!

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