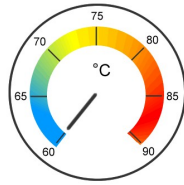


MOLYDUVAL

Pegasus UEF 2



Synthetic High Temperature Hybrid Grease

High temperature roller bearing grease based on fluorinated hydrocarbons for the safe lubrication at high temperatures. Particularly in the temperature range between 180°C and 220°C it is economically applicable, and thus particularly for rolling and sliding bearing in furnaces suitably. Apart from its outstanding temperature resistance it is also resistant against acids, caustic solutions and solvents, so that it is suitable for a wide range of special applications in chemical processes, e.g. if aggressive media or vapors the bearing affect.

It is used if conventional greases or other synthetic greases do not offer satisfying lubrication, because they decompose or were decomposed. Despite the relatively high price of this greases the employment can be economical in many cases, either because the lubrication intervals can be substantially increased, partly even a for-life lubrication is reached, or because friction reduction becomes even possible by it all.

Characteristics

- chemically inert to most materials like plastic and rubber
- outstanding thermal stability
- Relatively well compatible with elastomers and plastics (ask for exact compatibility)
- good oxidation resistance
- insoluble in many solvents
- relative good compatible with aliphatic, aromatic, and chlorinated hydrocarbons
- harmless within the stated temperature ranges. There may be harmful vapors in case of higher temperatures !
- inflammable
- relative good resistant against radiance
- low temperature suitability
- fibrous

Applications

- for bearings in high temperature sectors, ventilators, ovens, motors
- for anti-friction and sleeve bearings at high temperatures, in ovens, ventilators, engines
- for bearings in electronics and computer
- for valves of hot air balloons
- for valves and seals if aggressive agents have effect to the lubrication place
- for valves and seals
- for anti-friction and sleeve bearings at radiation
- for high speed bearings in high speed drives
- for anti-friction and sleeve bearings in safety systems
- for rolling and sleeve bearings in aerospace

Technical Datas

Color		white
Base Fluid		FHC, Ester
Name		ISO-L-XBGA2
Name		KEFK2U-20
Consistency Class NLGI		2
Viscosity Base Fluid, 40°C	mm ² /s	420
Density 15°C	kg/m ³	1300
Temperature Range	°C	-30 -> +220
Dropping Point	°C	without
Pack Size cartridge 500 g		+

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. 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 : 03.02.2025

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Technical Datas

Pack Size round box 1 kg

+

Pack Size pail 18 kg

+

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.

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