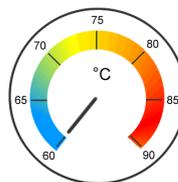


MOLYDUVAL

Pegasus C 46



High Temperature Grease

A low friction high temperature grease for long life lubrication of bearings, sliding surfaces and chains in high temperature areas. Includes MoS₂ for reducing friction and increasing pressure capacity. Does not solidify at highest temperatures, the components evaporate in case of exceeded temperatures and relubrication must be guaranteed. Greases based on complex soaps have best water resistance in comparison to many other soap thickeners.

Properties

- * good anticorrosive properties
- * high temperature resistance
- * high pressure ability
- * soft and smooth
- * water and sea water resistant
- * good walking resistance
- * friction reducing caused by forming solid MoS₂ film
- * high dropping point
- * good tackiness

Applications

- * for anti-friction bearings in asphalt machines
- * for anti-friction bearings in paper production and textile industry
- * for bearings of excavators, agricultural and construction machines, cranes
- * for anti-friction and sleeve bearings in forging presses and foundry machines
- * for slide or contact surfaces at highest temperatures
- * for roller bearings, especially for railroad car roller bearings that are not relubricated in the field
- * for slow running bearings, especially heavy loaded bearings
- * for rotor bearings in wind power stations

Technical Datas

| | | |
|--|-------------------|--------------|
| Color | | black |
| Consistency Class NLGI | | 2 |
| Name | | KPF2R-30 |
| Base Fluid | | Min |
| Name | | ISO-L-XCEIB2 |
| Density 15°C | kg/m ³ | 960 |
| Water Resistance Static | Grade | 0-90 |
| Temperature Range | °C | -30 -> +170 |
| Temperature Range shortly up to | °C | 200 |
| Dropping Point | °C | 280 |
| Lubricating Ability 02-SKF-R2F 160°C | | pass |
| Wear Protection VKA welding load | N | 3600 |
| Corrosion Protection Emcor, WWO, distilled water | Grade | 0 |

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.