

MOLYDUVAL

Prometheus B 282



Special Open Gear Grease with Graphite

A very tacky, graphite containing lubrication grease for open gears working under high pressures and high temperatures. The very good temperature resistance is caused by a special complex thickener and the addition of purest graphite, offering the good lubrication even under strong heat dissipation. It contains other additives which are able to reduce wear and produce evenness in running-in phases.

Lubrication Greases like this are long time approved for lubrication of open gears near mills or ovens.

Properties

- * good anticorrosive properties
- * insensitive against humidity
- * water refusing
- * high pressure ability
- * wide temperature range
- * suitable for mist lubrication
- * resistant to hot steam
- * good tackiness

Applications

- * for open gears
- * for open cogwheels
- * for heavy loaded open gears as in drives of ore mills, for drives of ball mills in mining industry
- * for mist lubrication on excavators, agricultural and construction machines, cranes, funnels and weirs
- * for mist lubrication of open gears

Technical Datas

Color		black
Consistency Class NLGI		2
Name		KPF2S-20
Name		OGPF2S-20
Base Fluid		Min
Name		ISO-L-XBGIB2
Density 15°C	kg/m ³	1010
Water Resistance Static	Grade	0-90
Temperature Range	°C	-20 -> +200
Temperature Range shortly up to	°C	+300
Dropping Point	°C	no
Corrosion Protection	Grade	0
Wear Protection VKA welding load	N	7000

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.

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.