MOLYDUVAL Valenzia LKM 15 PHV









High Temperature Heavy Duty Grease

A multipurpose, high performance grease specially formulated for extreme pressure bearing applications operating under high load and low to medium speed. Manufactured using selected highly refined, high viscosity base oils, a special complex thickener, rust and oxidation inhibitors, and extreme pressure and tackiness additives. This grease is especially suitable for medium to slow motion bearings.

It is special suitable for applications where increased water resistance is required, together with high EP, mechanical stability and pump ability. Typical application area's are the Paper & pulp industry, where the lubricant has to resist high temperatures as well as aggressive process water sprays, and where shutting down cost is much more important than the product cost. Based on a combination of synthetic and mineral base fluids. It contains polymers to enhance adhesion.

Properties

- * good anticorrosive properties
- * seals by forming a grease collar
- * good water resistance
- * excellent tackiness
- * good sealing properties
- * Longer service life due to high thermal stability
- * protects from wear

Applications

- * for lubrication and preservation of machine parts, screws, valves, nuts, bolts, springs, hinges, locks, etc.
- * for anti-friction bearings in paper production and textile industry
- * for high loaded sleeve and anti-friction bearings especially at extreme pressures, oscillating moves
- * for bearings in agriculture in mining equipment
- * for leather care
- * for roller bearings in wood pellet extruding machines

Technical Datas		
Color		brown
Consistency Class NLGI		ca. 1,5
Name		KP1,5N-20
Name		OGP1,5N-20
Base Fluid		Min
Name		ISO-L-XBDIB1,5
Viscosity Base Fluid, 40°C	mm²/s	460
Viscosity Base Fluid, 100°C	mm²/s	32
Temperature Range	°C	-20 -> +140
Temperature Range kurzzeitig bis	°C	160
Dropping Point	°C	> 280
Wear Protection VKA Schweißkraft	N	7400
Corrosion Protection Emcor, WWO, distilled water	Grade	0
The indicated service temperatures are guide values of may vary in case of special influences or oppoing use	depending on the lubric	cants composition and on the application. They

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.