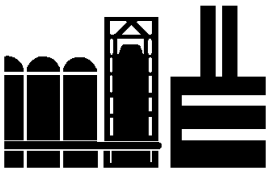
MOLYDUVAL
Attila KDO 100



Lubrication Grease for Oxygene

A heavy - duty lubrication grease for highest temperatures and if conventional hydrocarbon greases show no satisfactory lubrication effect because of decomposition. Used in case of oxygene influence. Although it is relative expensive the use can be economic, either the lubrication intervals will be increased, partly life time lubrication can be reached, or friction reduction is possible.

Properties

* chemically inert to most materials like plastic and rubber
* free of chlorine
* free of silicones
* good high temperature resistance
* good low temperature characteristics
* good oxidation resistance
* exceptional good resistance agains t oxygene
* relative good compatible with aliphatic, aromatic, and chlorinated hydrocarbons
* compatible with many thermoplastics and duroplastics
* inflammable
* relative good resistant against radiance

Applications

* as vacuum grease in semicoonductor manufacturing
* for anti-friction and sleeve bearings in ventilators, bellows, pumps, ovens, at chains in chemical or paint plants.
* for anti-friction and sleeve bearings in petrol pumps, f.e. in airplanes
* as sealing agent in spaceman dresses
* for pump seals in case of chlorine, gasoline, or other corrosive liquids
* for heavy duty sleeve - and anti-friction bearings staying in contact with solvents, gaz, petrol or their vapors
* for valves of hot air baloons
* for sleeve bearing in electronics, CD players
* for sealing of O-Rings and valves in oxygene industry

Approvals

USDA H1

Technical Datas

Color			weiß
Consistency Class NLGI	DIN 51818		2
Name	DIN 51502		KFK2U-40
Base Fluid			PFPE
Viscosity Grundöl, 40°C	DIN 51562, ASTM D-445	mm²/s	500
Water Resistance	DIN 51807	Grade	0-90
Temperature Range		°C	-40 -> +260
Temperature Range bei geringem Luftzutritt bis		°C	290

For more technical information contact us !

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Technical Datas

Dropping Point	ISO 2176	°C	ohne
Density 15°C	DIN 51757	kg/m³	1900
Max Pressure Limit Sauerstoff, 60°C	BAM	bar	100

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.