

# MOLYDUVAL

## Attila TKD 2



### Agent Resistant Grease

A heavy duty lubrication grease for highest temperatures and especially used, if conventional hydrocarbon oils or other synthetic fluids shows no satisfactory lubrication effect because of decomposition. 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
- \* good high temperature resistance
- \* good oxidation resistance
- \* insoluble in many solvents
- \* relative good compatible with aliphatic, aromatic, and chlorinated hydrocarbons
- \* compatible with many thermoplastics and duroplastics
- \* good radiation resistance
- \* harmless within the stated temperature ranges. There may be harmful vapors in case of higher temperatures !
- \* inflammable

#### Applications

- \* as vacuum grease in semiconductor 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 balloons
- \* for sleeve bearing in electronics, CD players

#### Technical Datas

Color		white
Consistency Class NLGI		2
Name		KFK2U-20
Base Fluid		FHC
Name		ISO-L-XBGGGA2
Fineness *Kornverteilung 85%*	µm	0,08
Density 15°C	kg/m <sup>3</sup>	1900
Oil Separation	%	4
Water Resistance static	Grade	0-90
Temperature Range	°C	-20 -> +250
Temperature Range shortly up to	°C	290
Dropping Point	°C	without
Flash Point	°C	without
Wear Protection *VKA Verschleißtiefe 40kg/107C/1200U/1h*	mm	0,5
Viscosity Class Base Fluid	ISO-VG	460
Evaporation Loss 22h 149°C	%	3
Evaporation Loss 22h 204°C	%	10

*The indicated service temperatures are guide values depending on the lubricants composition and on the application. They*

For further information, please see our website [www.molyduval.com](http://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.

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*may vary in case of special influences or ongoing use.*

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