

# MOLYDUVAL

## Siligra USP 2



### High Temperature Silicone Grease

A very special polyurea thickened silicone grease for antifriction and sliding bearings at highest temperatures under normal to low load. Because of its excellent thermal stability it is even suitable for for-life lubrication in high temperature applications. Because of a new polyurea thickener the dropping point increases up to higher than 300°C, that makes the greases resistant to temperature peaks without running out off the bearing.

#### Characteristics

- oxidation resistant
- high temperature resistance
- chemically inert
- soft and smooth
- good walking resistance
- low volatility, evaporates extremely slowly

#### Applications

- for controlling equipment in vulcanisation plants
- for anti-friction bearings in asphalt machines
- for bearings in high temperature sectors, ventilators, ovens, motors
- for anti-friction bearings in paper production and textile industry
- for anti-friction and sleeve bearings in forging presses and foundry machines
- for slide or contact surfaces at highest temperatures
- for door hinges and conveying devices in drying equipment

#### Technical Datas

Color		white
Base Fluid		Silicon
Thickener		Polyurea
Name		ISO-L-XCGHA2
Name		KSI2T-30
Consistency Class NLGI		2
Density 15°C	kg/m <sup>3</sup>	1000
Temperature Range	°C	-30 -> +220
Temperature Range shortly up to	°C	280
Dropping Point	°C	> 300
Oil Separation 168h (7d) 40°C	%	< 1,5
Oil Separation 18h 40°C	%	< 0,5
Water Resistance Static	Grade	0/1
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Pack Size cartridge 400 g		+
Pack Size round box 1 kg		+
Pack Size pail 18 kg		+
Pack Size drum 180 kg		+

*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](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. We reserve the right to change the information in this manual at any time and without notice. All previous versions of this manual are no longer valid. Updating : 14.02.2025