

## Technical Data Sheet

### PN# 3226667

#### DESCRIPTION:

- lithium soap grease
- high mechanical load capacity
- water resistant
- meets the requirements of the VW standard TL 778 type A
- classification K 2 K-50 as per DIN 51 825
- classification ISO-L-XECHA 2 as per ISO/DIS 6743-9

#### CHARACTERISTICS:

##### 1. General

Colour/Appearance	light yellow, Smooth	
NLGI-class	2	DIN 51 818
Operating temperature range °C	-50 up to +120	

##### 2. Composition

Viscosity of the base oil/40°C mm <sup>2</sup> /s	30	DIN 51 562
Thickening agent	lithium soap	
Water content %	< 0.1	DIN 51 777/T1

##### 3. Properties

Drop point °C	> 180	DIN ISO 2176
Work penetration/0,1mm		DIN ISO 2137
60 double strokes	280	
60 000 double strokes	300	

 **ITALY**  
Dropsa Spa  
t. +39 02 250791  
f. +39 02 25079767  
sales@dropsa.com

 **U.K.**  
Dropsa (UK) Ltd  
t. +44 (0)1784 431177  
f. +44 (0)1784 438598  
salesuk@dropsa.com

 **GERMANY**  
Dropsa GmbH  
t. +49 (0)211 394 011  
f. +49 (0)211 394 013  
info@dropsa.de

 **FRANCE**  
Dropsa Ame  
t. +33 (0)1 3993 0033  
f. +33 (0)1 3986 2639  
salesfr@dropsa.com

 **BRAZIL**  
Dropsa do Brazil  
t. +55 (0)11 563 10007  
f. +55 (0)11 563 19408  
salesbr@dropsa.com

 **U.S.A.**  
Dropsa Corporation  
t. +1 586 566 1540  
f. +1 586 566 1541  
salesusa@dropsa.com

 **AUSTRALIA**  
Dropsa Australia Ltd.  
t. +61 (0)2 9938 600644  
f. +61 (0)2 9938 6611  
salesau@dropsa.com

 **CINA**  
Dropsa Lubrication System  
(Shanghai) Co. Ltd  
t. +89 (021) 67740275  
f. +89 (021) 67740205  
china@dropsa.com



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Flow pressure			DIN 51 805
at +20°C	hPa	80	
at -35°C	hPa	400	
Oil separation	%	4.0	DIN 51 817
Water resistance		evaluation level 1	DIN 51 807/T1
Corrosion protection behaviour (EMCOR-test)		0/0	DIN 51 802
Oxidation stability 100°C/100h	bar	0.2	DIN 51 808
VKA welding load	N	2 200	DIN 51 350/T4
Compatibility with elastomer NBR 28/48h at 110°C			
Shore-A-hardness	Sha	- 4	DIN 53 505
Change in weight	%	+ 4	DIN 53 521

### APPLICATION:

**DROPSA POLAR GREASE NLGI 2** is a multipurpose low temperature grease for the lubrication of slide and roller bearings, especially those with high sliding friction. Ranges of application are e.g. motor vehicles, construction machines, farm vehicles and industrial machines of all kinds. **DROPSA POLAR GREASE** can be easily transferred, even through long lubrication lines.

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