

# GOLDENSTONE® LiCa NLGI 1 /2 /3

## Technical Data Sheet (TDS)

### GREASES

#### Description and Application

Multipurpose, lithium-calcium **Goldenstone® LiCa** greases have very high water resistance and ensure protection against wear and corrosion for the lubricated parts. These greases are recommended for lubrication of plain and rolling bearings, operating under moderate loads in a highly humid environment.

**Goldenstone® LiCa 1** and **Goldenstone® LiCa 2** are also used for lubrication of closed gear drives.

Operating temperature range of **Goldenstone® LiCa** greases is from -30°C to 110°C.

#### Benefits

- very good water resistance
- adequate protection against rust formation and corrosion
- very good adhesion properties
- high roll stability
- wear protection

#### Specifications

NLGI	1	2	3
ISO 6743/9	ISO-L-XCBHA-1(2) ISO-L-XCCHA-3		
DIN 51502, DIN 51825	G 1(2) G-30 K 3 K-30		
STAS	8789-91		

#### Typical Characteristics

Parameter	Test Method	Typical Value		
		NLGI 1	NLGI 2	NLGI 3
Oil type		mineral		
Thickener		Lithium-calcium soap		
Color	Visual	red		
Kinematic Viscosity of base oil at 40°C, mm <sup>2</sup> /s	EN ISO 3104	100		
Cone Penetration, worked at 25°C, 0.1 mm	ISO 2137	320	280	240
Dropping Point, °C	ISO 2176	170	180	185
Oil Separation - separated oil at 40°C, 42h, %	IP 121	< 5	< 3	< 3
Dynamic Rust Test (EMCOR) in distilled water	ISO 11007	0/0		

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

#### Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

<http://www.goldenstoneoils.com>