

# GOLDENSTONE® LITHIUM NLGI EP 0/ 00

## Technical Data Sheet (TDS)

### GREASES

#### Description and Application

**Goldenstone® Lithium EP 0 & Goldenstone® Lithium EP 00** are multipurpose semi-fluid antifriction greases manufactured by thickening an appropriate mineral base oil with lithium 12-hydroxystearate soap with the addition of selected additives.

These greases are suitable for use in centralized lubrication plants, in auxiliary vehicles and equipment operating in the open, with long piping. These semi-fluid greases are used in all types of gear drives where manufacturers recommend lubrication with grease. Among the typical applications of **Goldenstone® Lithium EP 0 & Goldenstone® Lithium EP 00** greases is lubrication of the wheels of railway transport units, truck wheel bearings, roll bearings in crushers, grinding mills and mixers, general lubrication in steel works (especially in cold and hot rolling mills), centralized lubrication systems, where the grease is fed to heavily loaded lubrication points.

Operating temperature range is from -30°C to +100°C.

#### Benefits

- excellent protection against rust and corrosion
- very good mechanical stability and oxidation resistance
- improved antiwear and EP properties
- very good stability at specific high pressures and shock loads
- sustains its consistency when lubricating high-speed bearings and mechanisms

#### Specifications

NLGI	0	00
ISO 6743/9	ISO-L-XCBEB-0(00)	
DIN 51502, DIN 51825	GP 0(00) G-30	

#### Typical Characteristics

Parameter	Test Method	Typical Method	
		NLGI 0	NLGI 00
Oil type		mineral	
Thickener		lithium soap	
Color	Visual	yellow-brown	
Kinematic Viscosity of base oil at 40°C, mm <sup>2</sup> /s	EN ISO 3104	110	
Cone Penetration, worked at 25°C, 0.1 mm	ISO 2137	365	415
Dropping Point, °C	ISO 2176	170	160
Dynamic Rust Test (EMCOR) in distilled water	ISO 11007	0/0	
Four Ball EP Wear Test - Weld Point, N	ASTM D 2596	2500	3150

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>