

# GOLDENSTONE® LITHIUM EP

## Technical Data Sheet (TDS)

### GREASES

#### Description and Application

**Goldenstone® Lithium LiX EP 2** is manufactured with refined high viscosity petroleum lube base oil, complex lithium soap as thickener and a special additive package.

It is designated for lubrication (centralized and non-centralized) of plain and rolling bearings, gear units and other mechanisms operated under high loads (in the presence of water and salts) and under continuous shock loads.

**Goldenstone® Lithium LiX EP 2** suitable for big roller bearings in mining, construction, farm and marine equipment, operating in adverse environments.

The application temperature range of **Goldenstone® Lithium LiX EP 2** is from -30°C to +140°C with short periods up to +180°C.

#### Benefits

- very good adhesion properties
- improved EP properties
- high roll stability and retain its consistency in heavy duty operations
- not corrosive to non-ferrous metals and steel
- very good water resistance
- adequate protection against rust formation
- wide temperature range of application

#### Specifications

NLGI	1	2	3
ISO 6743/9	ISO-L-XCDIB 2		
DIN 51502	KP 2 N-30		

#### Typical Characteristics

Parameter	Test Method	Typical Value
		NLGI 2
Oil type		mineral
Thickener		complex lithium soap
Color	Visual	yellow-brown
Kinematic Viscosity of base oil at 40°C, mm <sup>2</sup> /s	EN ISO 3104	220
Cone Penetration, worked at 25°C, 0.1 mm	ISO 2137	280
Dropping Point, °C	ISO 2176	260
Oil Separation - separated oil at 40°C, 42h, %	IP 121	< 3
Dynamic Rust Test (EMCOR) in distilled water	ISO 11007	0/0
Four Ball EP Wear Test - Weld Point, N	ASTM D 2596	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:

[www.goldenstoneoils.com](http://www.goldenstoneoils.com)

#### Packages

0.4 kg, 0.8 kg, 4 kg, 15 kg, 180 kg