

Goldenstone® Li Complex EP 2

Technical Data Sheet (TDS)

GREASES

Description and Application

Goldenstone® Li Complex EP 2 grease is manufactured with highly refined, high viscosity base oil, lithium soap complex thickener and a special set of additives.

It is designated for lubrication of plain, rolling and taper roller bearings and other mechanisms operating under high loads (even in presence of contaminants such as water and salts) and under continuous high loads. It is suitable for big taper roller bearings in mining, construction, farm and marine equipment, operating in adverse environment.

Goldenstone® Li Complex EP 2 grease is used in applications with operating temperatures from -20°C to +150°C. It can also work for short time peaks up to +180°C, if re-greasing is properly applied.

Benefits

- very good adhesion properties
- excellent EP properties
- high stability and consistency steadiness, even in heavy duty operations
- helps to prevent corrosion on yellow metals and steel
- very good water resistance
- operates in a wide range of temperatures

Specifications

NLGI		2
ISO 6743/9		ISO-L-XBDIB 2
DIN 51502, DIN 51825		KP 2 N-20
ASTM D 4950		GC-LB

Typical Characteristics

Parameter	Test Method	Typical Value
		NLGI 2
Oil type		mineral
Thickener		lithium complex soap
Color	Visual	blue
Kinematic Viscosity of base oil at 40°C, mm ² /s	EN ISO 3104	220
Cone Penetration, worked at 25°C, 0.1 mm	ISO 2137	280
Dropping Point, °C	ISO 6299	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

Note: typical data values are not a specification but an indication based on current production and can vary by normal production tolerances.

Goldenstone Europe APS

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>

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