



BEXOL ALVENIS LITHIUM 2

Product Description

BEXOL ALVENIS grease is a multipurpose lithium greases manufactured by thickening an appropriate mineral base oil with lithium 12-hydroxystearate soap and a package of proper additives. These greases are formulated for lubrication and sealing of medium and low speed plain bearings and mechanisms, electric motor bearings, encapsulated (roller and ball) industrial bearings, used in industrial equipment, railway and agricultural equipment and machinery, requiring lubrication with lithium non-EP greases.

Features & Benefits

- very good adhesion properties
 - high roll stability and consistency maintaining in heavy duty operations
 - non-corrosive to non-ferrous metals and steel
 - water washout resistance
 - proper protection against rust formation
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Applications

BEXOL ALVENIS Lithium 2 is suitable for big roller bearings in mining, construction, farm and marine equipment, operating in adverse environments. The application temperature range of BEXOL ALVENIS Lithium 2 is from -30°C to +120°C with short periods up to +130°C.

The applications include:

- Plain and rolling bearings
- Bearing bushes
- Roller conveyors
- constant velocity joints (CV-joints)
- springs



Typical Properties

Meets the Following Specifications

NLGI – 2, Classified as ISO-L-XCBHA-0 per ISO 6743/9.

DIN 51502 - G 0 G-30, DIN 51825 KP 1(2,3) K-30

Typical Properties

NLGI 2

Test Parameter	Test Method	Value
Oil type		Mineral
Color	Visual	yellow-brown
Thickener		Lithium soap
Kinematic Viscosity of base oil at 40°C, mm ² /s	EN ISO 3104	100
Cone Penetration, worked at 25°C, 0.1 mm	ISO 2137	280
Dropping Point, °C	ISO 2176	195
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	200