



BEXOL ALVENIS BENTONITE EP-2, ISO VG460

Bentonite Clay, Non-melting, High Temperature, Heavy Duty Grease

Product Description

BEXOL ALVENIS BENTONITE EP-2, VG460 is a bentonite clay thickened lubricating grease based on specially selected mineral base oil of ISO VG460. The inorganic thickener makes it suitable for wide temperature range applications, especially at extremely high temperatures.

The product has very good oxidation stability, high water resistance and good adhesive properties. It contains special additive which ensure rust, corrosion and wear protection for the lubricated parts.

Features & Benefits

- Excellent Lubricating Properties at High Temperatures – does not drop. Recommended for applications where the usage of conventional and complex soap based greases is limited because of their melting point
- High Load Carrying Capacity – contain special extreme-pressure additives which enable them to withstand heavy and shock loads without failure of the lubricant film.
- Very Good Anti-Wear properties
- Very Good Rust and Corrosion Protection – protecting metal parts from corrosion



Applications

BEXOL ALVENIS BENTONITE EP-2, VG460 is Heavy Duty grease specially designed for high temperature industrial applications.

Typical application:

- Non-melting characteristic ensures high operating temperature, up to 240°C (with peak temperatures >280°C).
- It is suitable for lubrication of heavily loaded slow speed bearings.
- The grease is ideal for applications in conveyer bearing, heat treating, metalworking autoclaves, kilns, tunnel ovens.



Typical Properties

Meets the Following Specifications		
ISO 6743-9 L-XBFHB 2, DIN 51502 KP2R-15		
Typical Properties		
Test Parameter	Test Method	Value
Appearance	Visual	Smooth and Buttery
Color	Visual	Yellow-to-Brown
Thickener		Bentonite Clay
Base Oil		Mineral
Base Oil Viscosity at 40°C, mm ² /s		460
NLGI Grade	ASTM D217	2
Operating Temperature Range		-15°C to 240 °C
Cone Penetration, Worked, 0.1 mm	ISO 2137-1	290 – 310
Dropping Point, °C	ISO 6299	> 300
Four-Ball Wear Test, Weld Point, N	ASTM D2596	> 2500