

# Verila BENT EP 2 VG460 Moly

High Temperature • Heavy Duty • Inorganic Thickener Grease containing Moly

**Verila BENT EP 2 VG460 Moly** is an inorganic, bentonite thickened lubricating grease with moly. This grease is manufactured with the high viscosity base oil of ISO VG460. The inorganic thickener makes it suitable for applications at extremely high temperatures. The product has very good oxidation stability and good adhesive properties. It contains special additives which ensure rust, corrosion, extreme pressure and wear protection as well as molybdenum disulfide acting as a dry lubricant.

- Contains super fine Moly: excellent protection against wear and jamming even in the cases of accidental overheating or grease loss.
- Extremely High Temperature Range, up to 180 Celsius. This will not drip out and will stay in place to provide efficient lubrication and protection to the equipment and parts.
- Recommended where usage of other greases is limited below their melting point. Allows short time limited temperature peaks even up to 200 Celsius.
- High Load Carrying Capacity. Contain special extreme-pressure [EP] additives which enable it to withstand heavy and shock loads without failure of the lubricant film.
- Excellent Oxidation Stability will minimize grease degradation and formation of deposits.



Designed for heavy duty, high temperature, slow-moving industrial applications. Well suited for applications in conveyer bearings, heat treating, metalworking autoclaves, kilns, tunnel ovens. Typical applications: plain sliding surface, bushings and bearings.

## Technical Data

Grease Classifications		
ISO 6743-9 L-XBFHB 2 · DIN 51502 KPF2R-20		
Test Parameter	Test Method	Value
Appearance	Visual	Smooth and Buttery
Color	Visual	Grey to Black
Thickener		Inorganic
Dry Lubricant		Molybdenum Disulfide
Base Oil Viscosity at 40°C, mm <sup>2</sup> /s	ISO 3104	460
NLGI Grade	ASTM D217	2
Operating Temperature Range		-20 to 180 Celsius
Cone Penetration, Worked, 0.1 mm	ISO 2137	265 -295
Dropping Point	ISO 6299	> 305 Celsius
Corrosive Effects on Copper, 24h at 100°C	ASTM D4048	max 1
Four-Ball EP Test, Weld Point, N	ASTM D2596	min 3150

While the information and figures given here are typical of current production and compliant with VERILA specification, minor variations may occur