

## Verila BENT EP 2 VG220

High Temperature • High Performance • Extreme Pressure (EP) • Inorganic Thickener Grease

**Verila BENT EP 2 VG220** is a High-Performance lubricating grease based on inorganic thickener and mineral oil of ISO VG220. The inorganic thickener makes it suitable for wide temperature range, especially at extremely high temperatures. The product has very good oxidation stability and excellent adhesive properties. It contains special additives which ensure rust, corrosion and wear protection for the lubricated parts as well as resistance against heavy loads.

- Wide range of high temperature Automotive and Industrial applications, up to 180 degrees Celsius.
- Excellent Lubricating Properties at High Temperatures. Does not drop.
- High Load Carrying Capacity. Special extreme pressure additives enable it to withstand heavy loads without failure of the lubricant film.
- Very Good Rust and Corrosion Protection.
- Excellent Oxidation & Thermal Stability, minimizes grease degradation and formation of deposits.



High Performance grease designed for both automotive and industrial applications running at high temperatures, including applications such as in conveyer bearings, heat treatment, metalworking autoclaves, kilns, tunnel ovens. Typical applications are: bearings that run at heavy loads and high temperature, sliding surfaces, bushings.



### Technical Data

Grease Classifications		
ISO 6743-9 L-XBFHB 2 · DIN 51502 KP2R-20		
Test Parameter	Test Method	Value
Appearance	Visual	Smooth and Buttery
Color	Visual	Yellow-to-Brown
Thickener		Inorganic
Base Oil Viscosity at 40°C, mm <sup>2</sup> /s	ISO 3104	220
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
Oil Separation, 42h at 40°C, wt.%	IP 121	4% Typical
Corrosive Effects on Copper, 24h at 100°C	ASTM D4048	max 1
Dynamic Rust Test, EMCOR	ISO 11007	0-0
Water Resistance Test	DIN 51 807-1	max 1-90
Four-Ball EP Test, Weld Point, N	ASTM D2596	min 2500

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