

## Verila Thermal HD

Inorganic Thickener • Extremely High Temperature • High Performance • Containing PTFE

**Verila Thermal HD** is a high-performance lubricating grease based on inorganic thickener, semi-synthetic base oil, containing very fine PTFE. The inorganic thickener makes it suitable for wide temperature range applications, especially at extremely high temperatures.

The product has very good oxidation stability and excellent adhesive properties. It contains special additives which ensure rust & oxidation, corrosion, extreme pressure protection for the lubricated parts as well as PTFE acting as a dry lubricant and thus reducing wear.

- Very Strong Lubricating Properties at High Temperatures
- Very Serious Protection Against Wear
- Very High Load Carrying Capacity on the lubricating film
- Excellent Protection against Rust and Corrosion.
- Super Thermal Stability and Resistance to Oxidation

Perfect mainly for applications working at high temperatures, **Verila Thermal HD** can serve as a premium multipurpose solution, providing very robust lubrication for applications working not only at high temperatures, but ranging from -20 to 200 degrees Celsius. Allows peak temperatures up to 230 Celsius when frequent re-greasing is provided. Typical application: sliding surfaces, plain, ball and taper rolling bearings that run at high temperature, including applications in conveyor bearing, quenching conveyors, kilns, tunnel ovens.



### Technical Data

#### Grease Classifications

ISO 6743-9 L-XBGHB 2

Test Parameter	Test Method	Value
Appearance	Visual	Smooth and Buttery
Color	Visual	Yellowish
Thickener		Inorganic
Dry Lubricant		PTFE
NLGI Grade	ASTM D217	2
Operating Temperature Range		-20 to 200 Celsius
Short time peak temperature		230 Celsius
Cone Penetration, Worked, 0.1 mm	ISO 2137	265 – 295
Dropping Point	ISO 6299	> 305 degrees Celsius
Corrosive Effects on Copper	ASTM D4048	max 1
Four-Ball EP Test, Weld Point, N	ASTM D2596	3150

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