

Verila Li Complex EP 2 VG320 HDVT

Heavy Duty ▪ Very Tacky ▪ High Temperature ▪ Extreme Pressure ▪ Lithium Complex Grease

Verila Li Complex EP 2 VG320 HDVT is heavy duty lubricating grease based on lithium complex thickener and high-quality mineral base oils of ISO VG320 viscosity grade. The lithium complex thickener makes the product suitable for applications within a wide temperature range, especially at elevated temperatures where conventional soap-based grease cannot be applied. The product is formulated with the high-tech additive technology which deliver to grease the right balance of performance characteristics and thus prolongs re-greasing intervals. Superior anti-wear [AW] and extreme pressure [EP] performance as well as excellent water resistance, rust and corrosion prevention and high oxidation stability extends bearing life and that means less downtime.

- Excellent at High Temperatures, up to 140 degrees Celsius.
- Highly Adhesive grease, which will stay in place and not leak-out.
- Very Good Mechanical Stability, resistant against softening.
- Excellent Anti-Wear & High Load Carrying Capacity, protecting equipment exposed to heavy loads.
- Excellent Resistance against water wash-out, even when exposed to severe water contamination.
- Very good Rust and Corrosion Protection



Heavy Duty Grease recommended for lubrication of: On-road and off-road vehicles as well as construction and agriculture machinery: wheel bearings, universal joints, axles, ball joints, chassis, bushings; Heavy Duty bearings, exposed to severe operating conditions, used in machinery installed in the cement, steel and paper industry; Mining and Quarrying equipment: pins and bushings on buckets, shovels, loaders, shakers, crushers, and conveyors; Other applications, including marine sector: Cables, Chains and all types of linkages.



Technical Data

Grease Classifications		
ISO 6743-9 L-XCDHB 2 · DIN 51502 KP2N-30		
Test Parameter	Test Method	Value
Appearance	Visual	Smooth and Homogenous
Color	Visual	Blue
Thickener		Lithium Complex
Base Oil Viscosity at 40°C, mm ² /s	EN ISO 3104	320
NLGI Grade	ASTM D217	2
Operating Temperature Range		-30 to 140 Celsius
Cone Penetration, Worked, 0.1 mm	ISO 2137	265 – 295
Dropping Point	ISO 6299	> 260 Celsius
Rust Test, EMCOR	ISO 11007	0-0
Water Washout Test at 79°C, wt.% loss	ISO 11009	6% Typical
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