

Verila Lithium EP 00 & 00/000

Semi-Fluid • Extreme Pressure (EP) • Lithium Grease for Centralised Lubrication Systems

Verila Lithium EP 00 & Lithium EP 00/000 are semi-fluid lubricating greases based on lithium 12-hydroxystearate soap and high-quality mineral base oil. These greases contain antioxidants, rust and corrosion inhibitors and special extreme pressure and anti-wear additives.

- Very Good Mechanical Stability, resistant against softening.
- Very Good Rust and Corrosion Protection offering Strong affinity with metal thus protect bearing surfaces.
- Excellent Anti-Wear & Load Carrying Capacity, durable lubrication film protects metal surfaces against wear.
- Very Good Oxidation Stability.
- Excellent Pumpability even at very low temperatures.

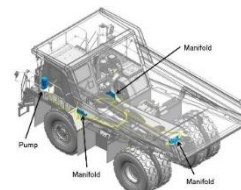
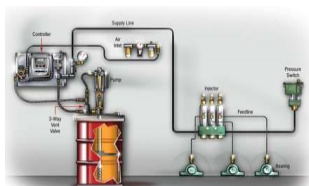


Suitable for both, industrial and automotive applications where semi-fluid NLGI 00 or 00/000 grade greases are recommended. Typical application: Centralized Lubrication Systems applied in industrial applications as well as trucks, off-road and agricultural equipment; Chassis lubrication, by means of a centralized system; Equipment operated in the open with long piping; Particularly suitable for the lubrication of enclosed gears and bearings in poorly sealed gear cases where conventional gear oils cannot be retained because of leakage.



Technical Data

Grease Classifications			
ISO 6743-9		L-XCCEB 00	L-XCBEB 00/000
DIN 51502		GP00K-30	GP00/000G-30
Test Parameter	Test Method	Value	
Appearance	Visual	Smooth and Homogenous	
Color	Visual	Yellow-to-Brown	
Thickener		Lithium 12-hydroxystearate	
Base Oil Viscosity at 40°C, mm ² /s	ISO 3104	100	
NLGI Grade	ASTM D217	00	00/000
Operating Temperature Range		-30 to 120 Celsius	-30°C to 100 Celsius
Cone Penetration, Worked, 0.1 mm	ISO 2137	400 – 430	430 – 460
Dropping Point	ISO 6299	> 175 Celsius	> 150 Celsius
Rust Test, EMCOR	ISO 11007	0-0	
Four-Ball EP Test, Weld Point, N	ASTM D2596	3150	
Four-Ball Wear Test, Wear Scar, mm	ASTM D2266	0.50 Typical	
Low Temperature Flow Pressure, hPa	DIN 51 805	< 1200 @ -30°C	



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