

Verila® Lithium EP Semi-Fluid Greases

Specifications:

NLGI 00 ISO 6743-9: ISO-L-XCCEB 00 DIN 51502: GP00K-30
 NLGI 00/000 ISO 6743-9: ISO-L-XCBEB 00/000 DIN 51502: GP00/000G-30

Verila® Lithium EP 00 and Verila® Lithium EP 00/000 are semi-fluid, extreme pressure [EP] lithium grease with excellent protection against wear and rust. Suitable for industrial and automotive applications where semi-fluid NLGI 00 or 00/000 grade greases are recommended. Typical applications are centralized lubrication systems applied in industrial applications as well as trucks, off-road and agricultural equipment, chassis lubrication, equipment operated in the open with long piping, lubrication of enclosed gears and bearings in poorly sealed gear cases where conventional gear oils cannot be retained because of leakage. Wide operating temperature range from minus 30°Celsius to +120°Celsius.



Test Parameter	Test Method	Value	
Appearance	Visual	Smooth and Homogenous	
Color	Visual	Yellow-to-Brown	
Thickener		Lithium 12-hydroxystearate	
Base Oil Viscosity at 40°Celsius, mm ² /s	EN ISO 3104	100	
NLGI Grade	ASTM D217	00	00/000
Operating Temperature, °Celsius		-30 Celsius to +120 Celsius	-30 Celsius to +100 Celsius
Cone Penetration, Worked, 0.1 mm	ISO 2137	400 – 430	430 – 460
Dropping Point, °Celsius	ASTM D2265	> 175	> 150
Rust Test, EMCOR	ISO 11007	0-0	
Four-Ball EP Test, Weld Point, kgf	ASTM D2596	315 (~3150 N)	
Four-Ball Wear Test, Wear Scar, mm	ASTM D2266	0.50 Typical	
Low Temperature Flow Pressure, hPa	DIN 51 805	< 1200 at -30°Celsius	