

Verila Syntech EP 2

Synthetic ▪ Long Life ▪ High Performance ▪ Extreme Pressure [EP] ▪ Lithium Complex Grease ▪ for Extremely Low Temperatures and High Speeds

Verila Syntech EP 2 is a premium quality, synthetic base lubricating grease containing polyalphaolefin [PAO] synthetic base oils, and lithium complex soap. Synthetic, PAO base oil and its wax-free structure makes this product suitable for applications within a wide temperature range, especially at extremely low temperatures. The product is formulated with the latest additive technology which deliver to grease the right balance of performance characteristics. Excellent oxidation stability, coupled with rust and corrosion prevention, superior anti-wear [AW] and extreme pressure [EP] performance as well as excellent water resistance extends bearing life and that means less downtime.

- Excellent at extremely low temperatures, easy start even at the temperatures down to -45°C
- Recommended for High Speeds, n·dm values of 1.000.000
- Superior Oxidation Stability and Ageing Resistance.
- High Load Carrying Capacity and Excellent wear control
- Very Good Mechanical Stability.
- Excellent Corrosion Protection and Good Water Resistance



Superb quality, synthetic, long life, extreme pressure grease developed for the automotive and industrial applications where infrequent re-greasing is mandatory; bearings operate at high speeds and are exposed to extremely low temperatures. Typical application are small electric motors, textile and machine spindle bearings in tools; precision Instruments.



Technical Data

Grease Classifications		
ISO 6743-9 L-XEDHB 2 · DIN 51502 KPHC2N-40		
Test Parameter	Test Method	Value
Appearance	Visual	Smooth and Homogenous
Color	Visual	White to Light Yellow
Thickener		Lithium Complex
Base Oil Viscosity at 40°C, mm ² /s	EN ISO 3104	32
NLGI Grade	ASTM D217	2
Operating Temperature Range		-45 to 150 Celsius
Cone Penetration, Worked, 0.1 mm	ISO 2137	265 – 295
Dropping Point	ISO 6299	> 220 Celsius
Corrosive Effects on Copper	ASTM D4048	max 1
Dynamic Rust Test, EMCOR	ISO 11007	0-0
Water Washout Test at 79°C, wt.% loss	ISO 11009	< 6
Four-Ball EP Test, Weld Point, N	ASTM D2596	min 2500
Flow Pressure, -40°C, hPa	DIN 51805	1250 @ -40°C

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