

# Verila Li Complex EP 2 VG460 Ultra Moly

Heavy Duty • High Temperature • Lithium Complex Grease Containing Moly

Verila Li Complex EP 2 VG460 Ultra Moly is heavy duty grease based on lithium complex thickener and base oil blend of high viscosity. The grease contains perfectly balanced performance additives: antioxidants, rust and corrosion inhibitors and special EP/AW additives. The addition of very fine molybdenum disulfide and other dry lubricants provides extra protection against wear even under circumstances when the oil film brakes down.

- Excellent at High Temperatures, up to 140 degrees Celsius.
- Contains super-fine Moly. Provide extra protection against wear under shock loads and oscillating movements and even in the case of loss of grease and/or accidental overheating.
- Very Good Mechanical Stability, resistant against softening.
- Extremely High Anti-Wear & High Load Carrying Capacity, protecting equipment exposed to heavy and shock loads.
- Excellent Resistance against water wash-out, even when exposed to severe water contamination.
- Very good Rust and Corrosion Protection.



Designed for a wide range of heavy-duty applications: automotive, heavy-duty on-road and off-road vehicles in construction, agriculture and forestry; Chassis, CV-joints and Driveline Grease for Heavy Duty Equipment in Construction and Mining sectors; Preferred solution for lubrication of surface and underground mining and quarrying equipment: pins and bushings on buckets, loaders, shovels, crushers, and conveyors; Lubrication of large, slow moving and heavily loaded industrial rolling element bearings.



## Technical Data

Grease Classifications		
ISO 6743-9 L-XBDHB 2 · DIN 51502 KPF2N-20		
Test Parameter	Test Method	Value
Appearance	Visual	Smooth and Homogenous
Color	Visual	Grey to Black
Thickener		Lithium Complex
Content of Dry Lubricants, %		6
Base Oil Viscosity at 40°C, mm <sup>2</sup> /s	EN ISO 3104	460
NLGI Grade	ASTM D217	2
Operating Temperature Range		-20 to 140 Celsius
Cone Penetration, Worked, 0.1 mm	ISO 2137	265 – 295
Dropping Point	ISO 6299	> 250 Celsius
Rust Protection	ASTM D1743	Pass
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 5000



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