

Verila CSX EP 0 VG1000 OG

Calcium Sulfonate Complex • Open Gear Grease • ISO VG1000 • High Content of Graphite

Verila CSX EP 0 VG1000 OG is advanced technology Open Gear Grease based on synthetic base oil blend of ISO VG1000, high content of the dry lubricants and Calcium Sulfonate Complex thickener which sustain high application temperatures and deliver outstanding load carrying capacity, water resistance and mechanical stability/film thickness performances. In this way it is better than other conventional thickener based open gear greases.

- High content of Graphite: decreasing friction coefficient thus limiting wear and extending equipment life.
- Load Carrying Capacity: Extremely High. Withstands heavy and shock loads without failure of the lubricant film.
- Dropping Point: High. For temperatures up to 160 Celsius.
- Adhesiveness to the metal surfaces: Excellent.
- Pumpability: Excellent. Suitable also for use in spray systems.
- Resistance against water: Exceptional.
- Rust and Corrosion Protection: Very Good.



Specially developed to meet the requirements of heavily loaded open gears in heavy industry: Cement plants • Paper industry • Sugar industry • Steel industry • Mining • Construction.

Typical Applications: Stationary applications in heavy and primary industry such as power transfer connecting gears found in grinding mills, dryers and rotary kilns • Mobile applications like a swing rack on drag lines and dipper sticks on shovels, crane systems • Other heavily loaded sliding surfaces and wire ropes.



Technical Data

| Grease Classifications | | |
|--|-------------|------------------------------|
| ISO 6743-9 L-XCEHB 0 • DIN 51502 OGPFP-30 | | |
| Test Parameter | Test Method | Value |
| Appearance | Visual | Smooth and Homogenous |
| Color | Visual | Black |
| Thickener | | Calcium Sulfonate Complex |
| Dry Lubricant | | Graphite Powder |
| Base Oil Type | | Blend of Mineral & Synthetic |
| Base Oil Viscosity at 40°C, mm ² /s | EN ISO 3104 | 1000 |
| NLGI Grade | ASTM D217 | 0 |
| Operating Temperature Range | | -30 to 160 Celsius |
| Cone Penetration, Worked, 0.1 mm | ISO 2137 | 355 – 385 |
| Dropping Point | ISO 6299 | > 250 Celsius |
| Rust Test, EMCOR | ISO 11007 | 0-0 |
| Rust Protection | ASTM D1743 | Pass |
| Four-Ball EP Test, Weld Point, N | ASTM D2596 | 8000 |
| Four-Ball Wear Test, Wear Scar, mm | ASTM D2266 | 0.55 Typical |
| TIMKEN O.K. Load, lbs | ASTM D2509 | 45 |
| Low Temperature Flow Pressure, mbar | DIN 51805 | max 1400 @ -30°C |

