

VERILA® Ca-2-G

Water Resistant • Calcium Grease Containing Graphite

VERILA® Ca-2-G is water resistant Calcium soap thickened lubricating grease containing graphite. The product ensure an excellent water resistance and good protection against corrosion in various applications and within given temperature limits. The addition of very fine graphite powder ensuring considerably improved protection against wear.

Features & Benefits

- Anti-Wear Protection: Very Good. Even in the grease starving conditions. Contains very fine graphite powder.
- Resistance against water: Excellent.
- Operating Temperature range: from -20°C up to 60°C.
- Affinity to the metal surfaces: Very Good. Protect metal parts even in the presence of water.
- Rust and Corrosion Protection: Very Good.



Applications

Generally used, water resistant lubricating grease containing graphite. Suitable for lubricating points where beyond water resistance the highly efficient protection against wear is required. Designated for the lubrication of heavily loaded, slow moving mechanisms in industry and agriculture, including: ▪ Open gear drives ▪ Threaded joints ▪ Chain drives ▪ Elevators' sliders ▪ Metal ropes and ▪ Other open heavily loaded sliding pairs.



Technical Data

Grease Classifications		
ISO 6743-9 L-XBAHA 2 · DIN 51502 KF2C-20		
Test Parameter	Test Method	Value
Appearance	Visual	Smooth and Homogenous
Color	Visual	Black
Thickener		Calcium
Dry Lubricant		Graphite
Base Oil Viscosity at 40°C, mm ² /s	EN ISO 3104	46
NLGI Grade	ASTM D217	2
Operating Temperature Range		-20°C to 60°C
Cone Penetration, Worked, 0.1 mm	ISO 2137	265 – 295
Dropping Point, °C	ISO 6299	> 95
Corrosive Effects on Copper, 5h @ 70°C	ASTM D4048	max 1
Water Washout Test at 40°C, wt.% loss	ISO 11009	< 10
Water Resistance Test	DIN 51 807-1	0-40 Typical
Four-Ball Wear Test, Wear Scar, mm	ASTM D2266	0.50 Typical

