

# Verila® Ca EP

Multi-Use • Water Resistant • Extreme Pressure [EP] • Calcium Grease

Verila® Ca EP greases are water resistant, extreme pressure (EP) Calcium soap thickened lubricating greases of NLGI 2 and NLGI 3 consistency grades. These greases ensure an excellent water resistance and good protection against corrosion and wear in various applications within given temperature limits.

- Excellent Resistance against water.
- Operating Temperature range from -25 up to 60 degrees Celsius.
- Very Good Lubricity, protect equipment against wear.
- High Load Carrying Capacity, EP greases, protect equipment exposed to high loads.
- Very Good Rust and Corrosion Protection, protect metal surfaces even in the presence of water.



Typical Applications are joints and other lubrication points in agricultural, off-road and construction equipment, where water and dust contamination are significant and high durability and efficiency is required; plain and rolling element bearings in low speed and highly loaded applications; water pumps; other applications such as hinges, screws and chain drives

## Technical Data

Grease Classifications			
ISO 6743-9		L-XBAHB 2	L-XBAHB 3
DIN 51502		KP2C-25	KP3C-25
Test Parameter	Test Method	Value	
Appearance	Visual	Smooth and Homogenous	
Color	Visual	Green	
Thickener		Calcium Soap	
Base Oil Viscosity at 40°C, mm <sup>2</sup> /s	ISO 3104	46	
NLGI Grade	ASTM D217	2	3
Operating Temperature Range, °C		-25 to 60	
Cone Penetration, Worked, 0.1 mm	ISO 2137	265 -295	220 -250
Dropping Point, °C	ISO 6299	> 90	> 95
Oil Separation, 42h at 40°C, wt.%	IP 121	3 Typical	
Corrosive Effects on Copper, 5h at 70°C	ASTM D4048	max 1	
Water Washout Test at 40°C, wt.% loss	ISO 11009	max 10	
Water Resistance Test at 40°C	DIN 51 807-1	max 0-40	
Four-Ball EP Test, Weld Point, kgf	ASTM D2596	250	



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