

## PDS VOLKER CALITER XCI 2

VOLKER CALITER XCI 2 is a multifunctional calcium sulphonate complex grease NLGI 2 resistant to high temperatures, water presence and extremely high loads conditions. Provides excellent thermal and oxidation stability, corrosion protection and water resistance. It is recommended for use in the operating temperature range from -30°C to +200°C.

### Applications:

Recommended for the lubrication of ball and roller bearings and mechanical parts operating at high temperatures, with severe loads and in the presence of water, e.g. steel mills (continuous casting, hot and cold rolling), paper mills, cement plants and mining operations.

### Performance:

Protects against water washout and bearing corrosion under extreme conditions, from extreme pressures both at low and moderate speeds. Resists softening in the presence of water to prevent lubrication failures and oil leakage, ensuring extended service life with longer regreasing intervals and improved bearing life.

### Specification:

DIN 51502 KP 2 S-30

<b>Properties</b>	<b>Method</b>	<b>Result</b>
Thickener type		Calcium sulphonate complex
Colour	visual	Brown
Worked penetration, 60x, mm/10-1	ASTM D217	265-295
Dropping point, °C	ASTM D566	>300
Base oil viscosity @40°C, mm <sup>2</sup> /s	ASTM D445	460
4-Ball Wear Scar Diameter, mm	ASTM D2266	0,36
4-Ball Weld Load, N	ASTM D2596	5000
Rust Protection, distilled water	ASTM D6138	0,0
Rust protection, 100% synthetic sea water	ASTM D6138	0,0

Product information is contained in the relevant safety data sheet (SDS). This sheet provides guidance on potential hazards, precautions and first aid measures, together with environmental effects and disposal of used products. SDSs are available upon request from the sales office. This product must not be used for any purpose other than its intended use. Edition 03/2024