

SANEG GREASE LTS 1

SANEG Grease LTS 1 is a multifunctional Extreme Pressure lithium-calcium NLGI 1 grease for the lubrication of bearings and components subjected to high temperatures, severe loads and operating in a humid environment. It ensures excellent protection from wear, rust, corrosion, and water washout. It is recommended for use in the operating temperature range from -30°C to +120°C.

APPLICATIONS

Recommended for industrial applications in the presence of high temperatures and severe loads, for ball and roller bearings, wheel bearings, universal joints, chassis and various applications with shocks or vibrations in agriculture, on and off-road equipment, in the presence of water, dust and/or dry conditions. Successfully used in the steel industry.

PERFORMANCE

Provides excellent resistance to water washout and exceptional load-bearing capacity to reduce wear and extend bearing life in humid environments
Ensures excellent high temperature lubrication and excellent mechanical stability even in the event of vibrations, reducing maintenance costs and unexpected downtime

SPECIFICATIONS

DIN 51502 KP 1 K-30

Properties	Method	Result
Thickener type		Lithium-calcium
Colour	visual	Dark Brown
Worked penetration, 60x, mm/10-1	ASTM D217	310-340
Dropping point, °C	ASTM D566	>180
Base oil viscosity @40°C, mm ² /s	ASTM D445	150
4-Ball Wear Scar Diameter, mm	ASTM D2266	0,5
4-Ball Weld Load, kgf	ASTM D2596	250
Rust Protection, distilled water	ASTM D6138	pass

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 04/2025