



## Technical Data Sheet (TDS)

**Product Name:** Calcium Grease

**Brand:** Basekim

**Date of Issue:** September 2025

**Version:** 1.0

### Product Description

Basekim **Calcium Grease** is a high-performance, water-resistant industrial lubricant. It is formulated with a high-quality mineral oil base and calcium soap thickener. **As a result**, it delivers excellent protection against rust, corrosion, and wear. This grease is ideal for automotive, marine, agricultural, and industrial applications where moisture resistance is essential.

### Applications

- Automotive chassis and wheel bearings
- Agricultural equipment and machinery
- Marine equipment, boats, and dockside machinery
- Construction machinery like cranes and bulldozers
- Industrial machines and conveyor systems

### Key Features and Benefits

Feature	Benefit
Excellent water resistance	Protects equipment in wet environments
Strong mechanical stability	Withstands heavy loads and stress
Rust and corrosion protection	Extends equipment lifespan
Cost-effective solution	Suitable for bulk industrial use
Smooth texture	Easy to apply and adhere to surfaces

### Typical Physical Properties

Property	Test Method	Typical Value
Appearance	Visual	Smooth semi-solid



Property	Test Method	Typical Value
Color	Visual	Light brown / amber
NLGI Grade	ASTM D217	2
Dropping Point	ASTM D2265	> 85°C
Worked Penetration (60x)	ASTM D217	265–295
Flash Point	ASTM D92	> 200°C
Water Washout	ASTM D1264	< 5% loss
Base Oil Viscosity @40°C	ASTM D445	100–150 cSt

### Packaging Options

#### Packaging Type Typical Weight

Small Cans	1–5 kg
Medium Pails	15–20 kg
Large Drums	180–200 kg
Custom Options	As per request

### Storage and Shelf Life

- Store in a **cool, dry, and well-ventilated area**.
- Keep containers **sealed tightly** when not in use.
- Shelf life: **24 months** from production date if stored properly.

### Safety and Handling

- Wear gloves and goggles when handling.
- Avoid prolonged skin contact.
- Refer to the **MSDS** for detailed safety guidelines.