

Technical Data Sheet (TDS)

Product Name: High-Performance lubricant for Automotive Components

Product Code: SCL-33

Revision Date: 2024-09-27

1. Product Description

SCL-33 is a high-performance lubricant designed for a wide range of automotive applications. It offers excellent thermal stability, oxidation resistance, and load-carrying capability, making it ideal for demanding environments. This advanced grease provides long-lasting protection and ensures smooth, quiet operation even under high temperatures and extreme pressure. Suitable for both OEM and aftermarket use, it enhances component life and reduces maintenance intervals.

Applications: Automotive components including CV joints, chassis, disc brakes, and wheel bearings.

2. Key Features

- Excellent oxidation stability and thermal resistance up to 180°C
- Superior load-carrying capacity for high-pressure automotive environments
- Excellent adhesion to metal surfaces, reducing wear and noise
- Resistant to road salt, water washout, and dust contamination
- Compatible with plastic and rubber parts commonly used in automotive assemblies
- Long service life with reduced maintenance intervals

3. Technical Specifications

Property	Typical Value	Test Method
Base Oil	Synthetic Hydrocarbon	-
Thickener Type	Lithium Complex	-
NLGI Grade	2	ASTM D217
Operating Temperature	-30°C to +180°C	-
Drop Point	>250°C	ASTM D2265
Worked Penetration (60x)	265–295	ASTM D217
4-Ball Weld Load	≥280 kg	ASTM D2596
Water Washout	<2%	ASTM D1264
Copper Corrosion (24h/100°C)	1a	ASTM D4048
Oil Separation (168h, 40°C)	<3%	ASTM D6184

4. Storage and Handling

Store in original containers in a cool, dry place between 0°C and 40°C. Ensure containers are tightly sealed after use. Avoid mixing with other lubricants.

5. Packaging

Available in 400g cartridges, 5kg pails, 15kg pails, and 180kg drums

6. Disclaimer

The information provided in this TDS reflects typical values based on laboratory data. Actual performance may vary depending on application. This document does not constitute a product warranty.

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