

Technical Data Sheet (TDS)

Product Name: Electric Power Tool Lubricant

Product Code: SCL-62

Revision Date: 2024-09-27

1. Product Overview

This high-performance lubricant is specially formulated for use in electric power tools. It provides excellent wear resistance, reduces friction, and ensures optimal operation even under high load and temperature conditions. Comparable to premium German products such as those from ThyssenKrupp.

2. Typical Properties

Property	Typical Value
Appearance	Smooth light brown grease
Base Oil Type	Synthetic hydrocarbon
Thickener Type	Lithium Complex
NLGI Grade	2
Worked Penetration (60 strokes)	265-295 mm/10
Dropping Point	≥260°C
Operating Temperature Range	-40°C to +160°C
Corrosion Protection	Excellent (SKF-EMCOR)
Water Resistance	Very Good (DIN 51807)
Load Carrying Capacity (Four Ball EP)	>250 kg

3. Applications

- Electric drills, saws, grinders, and other handheld or bench power tools
- Gear mechanisms and bearings exposed to heavy loads
- Applications requiring high thermal stability and anti-wear protection

4. Advantages

- Long service life and extended relubrication intervals
- High resistance to water washout
- Excellent oxidation and corrosion resistance
- Maintains performance under high mechanical stress

5. Packaging

Available in 400g cartridges, 5kg pails, and 18kg buckets.