



CRC Industries NZ
Auckland NZ

Red Lithium Grease

I. Product Description

CRC Red Lithium Grease is a multi-purpose, red lithium complex grease that withstands extreme pressures over a wide temperature range. Formulated with anti-oxidation, anti-rust, and anti-wear additives, it is a highly versatile grease for use in both automotive and industrial settings.

CRC Red Lithium Grease offers long lasting lubricating protection, ensuring a smooth controlled actuation over extended periods. The formulation resists water washout and has a high level of tackiness that keeps it in place.

II. Features & Benefits

- **Excellent Adhesion** - Resists Sling-Off
- **Highly resistant to moisture, water and detergent** – Will not wash off when equipment is cleaned
- **Protects against rust and corrosion**
- **Wide Temperature Range** – Effective from -35°C to +149°C

III. Application and Directions

- Apply liberally to areas requiring lubrication

IV. Typical Properties and Characteristics

Physical Properties:

Flash Point	> 230°C
Boiling Point	ND
Thickener Type	Lithium Complex
Colour	Red
NLGI	2
Specific Gravity	1.125

Performance Characteristics:

Viscosity Base Oil @ 40°C	150 cSt	
Dropping Point (°C), Min	>260°C	ASTM D-2265
Timken OK Load	18kgs	ASTM D-2509
Worked Penetration	265-295 dmm	ASTM D-217
4 Ball Wear test, mm scar diameter 40kg, 1hr	0.45	IP 239
4 Ball weld load, Kg	450	
Roll Stability 2 hours @35°C) +32 dmm	+32 dmm	ASTM 1831
Copper Corrosion of Greases	1a	ASTM D-4048
Corrosion	Pass	ASTM D1743
Oil Separation: 42 hours @ 40°C	1.1%	IP121
168 hours @ 40°C	2.5%	IP121
Water Washout 1 hour@ 79°C	1.6%	D1264



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Technical Data Sheet

Red Lithium Grease

FFK Low Pressure -30°C	775 hPa	
Temperature Range	-30°C to +150°C	

V. *Package Description*

Part Number	Size
1753203	450g Cartridge

VI. *Special Precautions*

General:

Use with adequate ventilation. Store in a cool, well-ventilated area. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

First Aid:

Swallowed – If swallowed do NOT induce vomiting.

Skin – Remove contaminated clothing and wash skin thoroughly with soap and water. Remove any adhering solids with industrial skin cleansing cream. Do not use solvents. Seek medical attention in the event of irritation. Wash contaminated clothing before reuse.

Eyes – Immediately hold the eyelids apart and flush the eye continuously for at least 15 minutes with fresh running water.

Inhaled – Remove to fresh air. Lay patient down. Keep warm and rested.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 11/2021

PRODUCT WARRANTY: CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.

DISCLAIMER: All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.