



CRC Industries NZ
Auckland NZ

I. Product Description

CRC Food Grade Extreme Duty Grease is a NLGI 2, tan, high performance lubricating grease that provides effective lubrication and protection of ball, roller, and plain bearings and sliding surfaces. It excels in applications where resistance to water, broad operating temperatures, and high loads are absolutely necessary.

CRC Food Grade Extreme Duty Grease formulation provides unsurpassed resistance to oxidation and corrosion including salt spray. It is resistant to moisture, water and detergent wash down. *CRC Food Grade Extreme Duty Grease* has exceptional mechanical stability even in the presence of water. It is non toxic and contains no heavy metals or other environmentally undesirable additives.

Temperature range -29°C to +205°C. MPI C15. NZ AsureQuality for food/beverage including dairy factories with incidental contact. NSF H1 Registered for incidental food contact.

II. Features & Benefits

- Wide temperature range from -29°C to +205°C
- Timken OK Load 29.5kgs
- Exceptional mechanical stability even in the presence of water.
- Moisture, water and detergent wash-down resistant
- Unsurpassed resistance to extreme pressures, oxidation and corrosion, including salt spray.
- MPI C15 approved for incidental food contact
- NZ AsureQuality assessment for food/beverage including dairy factories with incidental contact
- NSF H1 Registered for incidental food contact

III. Applications and Directions

- Apply grease according to equipment manufacturer's specifications or as necessary to maintain proper lubrication
- **Do not** mix greases of different base type.
- Use a solvent to remove and clean out traces of incompatible grease before repacking.

IV. Physical and Performance Characteristics

Physical Properties:

Flash Point	175°C COC
Thickener Type	Calcium Sulphonate
NLGI Grade	2
Appearance	Tan smooth texture.
Drop Point	300°C
Viscosity Index	90
Viscosity @ 40°C	100 cSt
Viscosity @ 100°C	10.8 cSt
VOC	0%
Pour Point	-12°C



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Performance Characteristics:

Temperature Range	-29°C to +205°C
ASTM D-1743 (Bearing Corrosion)	Pass
ASTM D-2509 (Timken OK Load)	29.5kgs
ASTM D-2266 (4 Ball Wear)	0.45
ASTM D-2596 (Four Ball EP, Weld Point)	620
ASTM D-1264 (Water Washout. % Loss)	2.75
ASTM D-1478 (Low Temp Torque, -40°C, g-cm)	<5000

V. Specifications and Approvals

- MPI Approved C15
- NZ AsureQuality assessment for food/beverage including dairy factories with incidental contact
- NSF H1 Registered for incidental food contact

VI. Package Description

Part Number Container Size
35615 397g Cartridge

VII. Disposal

Disposal requirements vary by state and local jurisdiction. All used and unused product should be disposed of in conformance with local and government regulations.

VIII. Special Use Warnings

General

Use only in well-ventilated area. Ventilation may be improved by opening a window or door or providing mechanical assistance. Avoid continuous breathing of vapour and spray mist. Avoid contact with skin and eyes. If ventilation is not adequate, respiratory protection should be worn. For more information regarding short term and long term exposure; review this product's Material Safety Data Sheet.

TECHNICAL DATA SHEET Version 03/2015

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.