



CRC Industries NZ
Auckland NZ

I. Product Description

CRC Food Grade Synthetic Grease is a NLGI 2 translucent, non toxic lubricating grease that provides effective lubrication and protection of ball, roller, and plain bearings and sliding surfaces. It protects equipment against rust, oxidation and wear.

CRC Food Grade Synthetic Grease is resistant to moisture, water and detergent wash down. Due to its high dropping point, it is particularly useful in high temperature applications. This product also performs extremely well in cold temperature applications as the base fluid exhibits a very low pour point.

Temperature range -29°C to +176°C. NLGI 2. Ideal for use in food, pharmaceutical and other clean environments where MPI & NZ AsureQuality products are required.

II. Features & Benefits

- A NLGI 2 translucent, non toxic lubricating grease
- Wide temperature range -29°C to +176°C
- Resistant to moisture, water and detergent wash-down
- Protects equipment against rust, oxidation and wear
- Suitable for ball, roll and plain bearings and sliding surfaces
- MPI C15 and NZ AsureQuality approved incidental contact
- NZ AsureQuality assessment for food/beverage including dairy factories with incidental contact
- NSF H1 Registered for incidental food contact

III. Applications

- FOR USE BY - Dairy plants, Breweries, Canneries, Meat Processing Plants, Food Processing and Handling Equipment, Fish Processing Plants, Carton/Packaging Equipment, Pharmaceutical Manufacturers etc.
- FOR USE ON - Ball, roller and plain bearings, and sliding surfaces, gears, valves, pumps, conveyors, fittings, linkages, hoists, O-rings etc.

IV. Physical Properties

Physical Properties:

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|-------------------|------------------------|
| Thickener Type | Silica |
| NLGI | 2 |
| Texture | Smooth |
| Flash Point | 225°C TCC |
| Odour | Mild |
| Appearance | Clear with yellow cast |
| Drop Point | 343°C |
| Viscosity Index | 135 |
| Viscosity @ 40°C | 63 cSt |
| Viscosity @ 100°C | 10 cSt |
| VOC | 0% |



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| Pour Point | -52°C |
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Performance Characteristics

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| Temperature Range | -29°C to +176°C |
| ASTM D-217 (Worked Penetration, 60 strokes) | 265-295 |
| ASTM D-1264 (Water Washout, % Loss) | 0.01 |
| ASTM D-1742 (Oil Separation, % Loss Max.) | 0.50 |

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. 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.

VII. Package Description

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|--------------------|-----------------------|
| Part Number | Container Size |
| 35610 | 397g Cartridge |

VIII. 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.

IX. 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 11/2015

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.