



CRC Industries NZ, Auckland NZ

I. Product Description

CRC Powerlube with PTFE is a high performance multi-use lubricant providing long lasting protection against friction, wear and corrosion. Its sophisticated additive package with PTFE outperforms most general purpose lubricants under extreme pressure, dramatically increasing the life span and operating efficiency of parts and equipment.

CRC Powerlube with PTFE penetrates deeply into cracks, crevices and joints, displaces moisture and leaves a durable protective film that minimises surface contact, extends lubricating intervals and provides excellent corrosion protection.

With twice the load carrying capacity of most general purpose lubricants, CRC Powerlube is the perfect choice for hard to maintain equipment especially in extreme operating conditions.

II. Application and Directions

1. Shake can well before using.
2. Spray a light even coating.
3. Use extension tube for hard-to-reach places.
4. Use minimum amount necessary, remove excess with a clean cloth.

III. Features & Benefits

- **Additive Package with PTFE** – Minimises surface contact and friction to reduce wear, extend equipment life and maintain peak operating conditions
- **Withstands Extreme Pressure** – Doubles the load carrying capacity and provides long lasting lubrication
- **Long lasting lubrication**
- **Low Viscosity Film** – Penetrates deeply into cracks, crevices and joints to lubricate and protect all exposed metal
- **High Surface Tension** – Spreads over surface to maximize coverage with a thin, even film. Displaces moisture and other surface contaminants.
- **Safe on all metals and alloys** – Testing is advised if in doubt on painted surfaces, plastics and rubbers
- **Temperature Range -20°C to +150°C**

IV. Typical Properties and Characteristics

Physical Properties:

Flash Point	< 0°C
Odour	Wintergreen
Appearance	Amber liquid
Specific Gravity	0.81 @ 20°C
Propellant	Hydrocarbon
Temperature Range	-20°C to +150°C

Performance Characteristics:

Type of film	Oily lubricating film
Dry Time	5 minutes
Falex Test ASTM D3233	Exceeds 31500lbs (maximum test limit of ASTM D3233 is 3150lbs)



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V. *Package Description*

Part Number	Size
3045	300gm Aerosol

VI. *Special Precautions*

General:

Extremely flammable aerosol. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Avoid breathing dust, fume, gas, vapours, spray. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye protection, face protection. Store in a well-ventilated place. Keep container tightly closed. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

Aerosol Cans:

Do not puncture, incinerate or store above 50°C. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

First Aid:

Swallowed – Do not induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice. Do not give milk or oil. Do not give alcohol.

Skin – Flush skin and hair with running water (and soap if available). Remove any adhering solids with with industrial skin cleansing cream. Do not use solvents. Seek medical attention in the event of irritation.

Eyes – Immediately hold eyelids apart and flush eye continuously for at least 15 minutes with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Transport to hospital or doctor without delay.

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

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 05/2015

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.