



CRC Food Grade Penetrating Oil is an industrial strength, low viscosity penetrant designed to quickly loosen and free seized, bound or frozen fasteners on all food processing equipment.

The low surface tension formula creeps into cracks, seams, threads and joints with great efficiency and loosens rusted and corroded nuts, bolts, couplings, fittings, hinges and frozen components.

Eases the disassembly of plant machinery, tools and equipment for routine maintenance and emergency repairs and leaves a thin non-drying colourless film with outstanding lubrication and corrosion inhibiting properties. Safe on most painted surfaces, coatings, plastics and rubbers.

Item Code: 3086

Pack Size: 312g Aerosol

Features and Benefits

- **Eases disassembly of mechanical equipment:** Low surface tension formula creeps into cracks, seams, threads and joints with great efficiency
- **Improves Performance and Operating Efficiency:** Loosens rusted and corroded nuts, bolts, couplings, fittings, hinges and frozen components
- **Corrosion inhibiting:** Lubricating residue prevents further corrosion
- **Non silicone:** Will not harm paint, plastic or wood surfaces. Easier clean-up and removal of excess oil. Allows treated surfaces to be repainted
- **High Flash Point:** Provides increased user safety
- **360° valve:** Aerosol can be sprayed from any position even upside down
- **Non-toxic, colourless, odourless, tasteless**
- **Wide Temperature range:** Effective from -20°C to 150°C (continuous), 170°C (intermittent)
- **MPI Approved C15** for all animal product except dairy
- **MPI Approved** for use at farm dairies and in dairy processing

Typical Properties and Characteristics

Flash Point	>90°C (TCC)
Boiling Point	215°C Initial
Odour	None
Appearance	Colourless liquid
Solubility	Negligible in water
% Volatile	65%
Vapour Density	> Air

Type of film	Thin, oily film
Dry time	Non-drying wet oil
Temperature range	-20°C to +150°C (continuous), +170°C (intermittent)
Viscosity	38-41 cST @ 40°C
Specific Gravity	0.815
Propellant	Carbon Dioxide

Directions

1. Do not apply while equipment is energized.
2. Spray directly on corroded fasteners.
3. Allow oil to seep between joints and surface area. Tap joints lightly to aid process.
4. Loosen or remove fastener.
5. If necessary, repeat steps 2-4 until fastener breaks free.
6. Severly frozen or welded fasteners may require the help of a power tool or nut cracker to loosen.

Special Precautions

General:

Flammable aerosol. Keep away from naked flames, electrical appliances/lights, lighted cigarettes, etc. Do not spray on open flame or other ignition source. Use with adequate ventilation. Store in a cool, well-ventilated area. Do not eat, drink or smoke when using this product. Dispose of contents/container in accordance with relevant regulations. All unused product should be disposed of in conformance with local and hazard 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.

Refer to **Safety Data Sheet** for more details.

Product Warranty or Shelf Life

CRC offers a conditional warranty on this product for the period of 5 years from the date of manufacture.

Contact Information

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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 NZ makes no representations or warranties of any kind concerning this data.

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