

TECHNICAL DATA SHEET

Product No. 3135



CRC Industries (Aust) Pty Ltd

I. Product Description

CRC Gel-Tac is a water resistant, multi purpose lubricant gel that is a specially formulated blend of high quality synthetic oils, with anti-wear additives, friction modifiers and tackiness agents. **CRC Gel-Tac's** non-drip gel penetrates deeply into vital areas, and forms a water resistant, long lasting lubricant gel.

CRC Gel-Tac is ideal for use on highly loaded reciprocal moving parts, and operates in a temperature range of -35°C to +300°C. It is designed for general use in workshops, mining areas, heavy industry and the automotive market.

II. Applications

CRC Gel-Tac is ideal for all types of chain drives, open gears, car wash equipment, bottling plant, hoists, conveyors (including overhead), fork lifts, tractors, farm equipment, cement trucks, wire ropes, etc.

III. Features & Benefits

- ❑ Resists cold, hot and salt water wash-off and high temperature sling-off.
- ❑ Non-drip gel
- ❑ Reduces wear and friction.
- ❑ Reduces noise and vibration
- ❑ High pressure performance
- ❑ Compatible with O ring chains and most plastics and rubbers.
- ❑ Penetrates vital chain pin and bushing areas and wire rope strands, then thickens to form a tenacious long lasting lubricant.
- ❑ Heat resistant active over a wide temperature range -35°C to 300°C.

IV. Physical Properties without propellant

Flash point	<0°C	Odour	Low
Boiling point	40°C initial	% Volatile	60
Appearance	Clear, liquid	Solubility	Insoluble in water. Soluble in many organic liquids
Temperature range	-35°C to 300°C	Specific Gravity	0.80
		Propellant	Hydrocarbon

V. Specification and Approvals

VI. Performance Characteristics

Drying Time	Solvent evaporates in 2 minutes
Film Type	Non – drying oil gel.
Brugger wear test	65N/mm ²
Four ball wear ASTM D2266 solids mm²	0.25
Operating Temperature	-35 ⁰ C to 300 ⁰ C

VII. Directions

- ❑ Read all directions and warnings before using
- ❑ Switch off and de-energize before using Gel-Tac
- ❑ Shake can well before using
- ❑ When applying to chain, apply to upper edges of overlapping chain side plates and allow lubricant to set up before energizing
- ❑ When applying to wire rope, coat the entire surface allowing Gel-Tac to penetrate between the strands.
- ❑ Spray an even coat over the entire wear surfaces
- ❑ **Do not** apply while equipment is energized in any application

VIII. Disposal

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

IX. Special Use Warnings

Aerosol Cans

Do not puncture, incinerate or store above 50⁰C. 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.

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 the 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.

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

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