



## CT 615

### EXTREME PRESSURE FOOD GRADE GREASE

#### DESCRIPTION

CT 615 is an ultra-premium extreme pressure grease designed for high levels of protection in food service and pharmaceutical industry equipment where there is a possibility of incidental contact.

CT 615 is particularly recommended for the lubrication of mechanisms and equipments subjected to high loads and high moisture conditions.

#### APPLICATIONS

- CT 615 is suitable for loaded ball and roller bearings running at speed between 500 to 5000 RPM, sliding bearings, articulated joints, chains, shafts, rods, cams, pistons, filters, valves and pumps, tracks, micro-mechanisms, Blending machines, filling equipment, feed belts, conveyor belts, carton erectors, labelling stations, wrapping equipment, frequent wash down areas.
- Typical applications may be found in the following industries:
  - Meat and Poultry processing plants, Egg processing plants, Fish and Seafood processing plants, Vegetable and Fruit processors, Bakeries, Cheese producers, Pet food and Animal feed producers, Oil mills and Seed cake processors.
  - Beverage manufacturing and packaging: soft drink and bottling plant, breweries and Wineries.
  - Food and beverage container manufacturers.
  - Water Well drillers, drinking and portable water Treatment.
  - Pharmaceutical, drugs, cosmetic and medical manufacturing facilities.

#### PRODUCT BENEFITS

- Completely Insoluble; resistant to hot and cold water washout, water jet spray, vapour, blood, solvents, acids and most sterilizing chemicals used in cleaning.
- Unique anti-wear and extreme-pressure properties; will withstand high pressure loads up to 320 kg/cm<sup>2</sup>.
- Excellent resistance to Rust and Corrosion; provides long term protection to metal surfaces.
- Remains stable at Extreme Temperature range : - 20°C to + 160°C (200°C in peak).
- Perfect adhesion to metals surfaces.
- Non staining white colour to suit the hygienic atmosphere of food and pharmaceutical facilities.
- Non Toxic.
- Extends life of installations exposed to water during washing and rinsing.
- Reduces maintenance spare parts costs.
- Reduces labour costs and downtime needed for re-greasing.

#### Headquarter & plant

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ORAPI cannot know about every application for which the products are used nor their conditions of use. ORAPI cannot be held responsible for the suitability of the products for a given use or a specific purpose. The information contained here can on no account be a substitute for the preliminary tests which are essential and which must be carried out in order to check the suitability of the product to each specific case.

## APPROVALS

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- Approved InS H1 (Reg N° 1795170) for incidental food contact for use in and around food processing areas in locations in which there is a potential exposure of the lubricated part to food.
- Approved Canadian Food Inspection Agency
- Meet the requirement of the Agri-Food & Veterinary Authority of Singapore
- Meet and exceed CNERMA.
- Perfectly suitable for HACCP programs.

## PHYSICAL PROPERTIES

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Colour: .....	White Opaque
Appearance.....	Smooth paste
Soap.....	Calcium Complex
Base Oil.....	Codex Quality
Density @ 20°C (NFT 60-101) .....	0.940
NLGI grade.....	2
Drop point (NFT 60-102) .....	> 250°C
Penetration after 60 strokes .....	295 / 335
4 balls weld test (ASTM D 2596).....	320 kg
DN factor (mm x rpm).....	350.000
Operating temperature range .....	- 20°C to + 160°C (200° C in peak)

## DIRECTIONS FOR USE

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CT 615 is not compatible with the following greases: Calcium, Aluminium complex, lithium, clay, silica, sodium. Complete purging or cleaning is required before application.

Bulk: Apply grease evenly in thin layers to surfaces.

Aerosol: Shake well before use. Spray 20cm from surfaces to be lubricated.

## STORAGE & SAFETY

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Two years, stored in closed original packaging at ambient temperature.

Bulk: Under normal condition of use, no specific hazard.

Aerosol: Flammable product. Do not expose to temperature exceeding 50°C. Do not use on incandescent, warm body or near a source of heat.

Always use in well ventilated areas. Wear gloves and glasses.

## WARRANTY

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