



PURITY™ FG MF AEROSOL LUBRICANT

Introduction

Petro-Canada's PURITY™ FG MF Aerosol is an advanced food grade lubricant packaged in a spray can, formulated to deliver long lasting protection.

PURITY™ FG products are a result of more than 25 years formulating experience. Using the patented HT purity process, Petro-Canada produces a 99.9% pure, crystal clear base oil. Free of impurities that can hinder performance and fortified with specially selected performance additives, PURITY™ FG MF Aerosol is highly resistant to oxidative breakdown and provides excellent protection from wear and corrosion. Tough enough to handle wet food processing environments, its tacky nature allows it to adhere strongly to metal surfaces, resisting water washout and water spray loss.

PURITY™ FG MF Aerosol also meets the highest food industry purity standards and fits perfectly in HACCP (Hazard Analysis and Critical Control Point) and GMP (Good Manufacturing Practice) plans.

Features and Benefits

- **Outstanding resistance to oxidative breakdown**
 - Helps to minimize sludge and varnish
- **Long-term protection from rust and corrosion**
 - Helps to protect chains and metal surfaces from rusting

- **Excellent wear protection**
 - Helps to protect metal-to-metal contact between chains and drive sprockets
 - Penetrates pin leakage points
- **Strongly adheres to all surfaces**
 - Resists throw-off from chains, minimizing fluid drips
 - Highly resistant to water washout and spray loss
 - Reduces reapplication requirements
- **Environmentally safe**
 - Non-ozone depleting propellant (CFC free)
- **Comes with an application tube for accuracy when lubricating hard-to-reach locations**
- **Possesses the credentials for use in and around food processing areas**
 - H1 registered by NSF
 - All fluid components comply with FDA 21 CFR 178.3570 "Lubricants with incidental food contact"
 - Registered by the Canadian Food Inspection Agency for use in food processing plants
 - Certified Kosher and Pareve by Star K
 - Certified Halal by IFANCA

What is the HT difference?

Petro-Canada starts with the patented HT purity process to produce water-white, 99.9% pure base oils. The result is a range of lubricants, specialty fluids and greases that deliver maximum performance for our customers.



Nonfood Compounds
Program Listed H1

- **Free of genetically modified substances (GMS)**
- **Maintains food allergy safety**
 - Free of gluten
 - Please refer to TechBulletin TB-1210 for a complete listing of Food Allergens.

Applications

PURITY™ FG MF Aerosol is an excellent multi-purpose lubricant available in a 290 gram (400 mL) aerosol can. It can be used where there is potential exposure of the lubricated part to edible products. It is also an excellent release agent for gaskets and seals.

Typical applications include chains, rails and guides, slides, pivots, cables and linkages, gears, hinges and small bearings.

Typical Performance Data

PROPERTY	TEST METHOD	PURITY™ FG MF FLUID
Viscosity, cSt @ 40°C (SUS @ 100°F) cSt @100°C (SUS @ 210°F)	D445 D445	151 (777) 19.8 (99)
Viscosity Index	D2270	150
Pour Point, °C (°F)	D97	-9 / (16)
Colour	D1500	0.5
Rust Protection, A - Distilled Water	D665	Pass
4-Ball Wear, scar diam (mm)	D4172	0.4
FZG Pass Stage	D5182	12

The values quoted above are typical of normal production. They do not constitute a specification.

Health and Safety

To obtain Material Safety Data Sheet (MSDS), contact one of Petro-Canada's TechData Info Lines.

TechData Info Lines

If you would like to know more about Petro-Canada's PURITY™ FG MF, or any other product in our complete line of quality lubricants, please contact us at:

Lubricants Head Office
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