

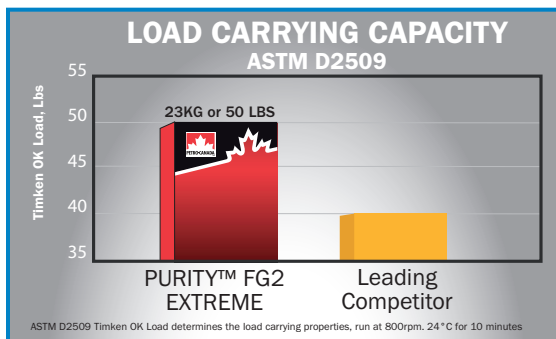
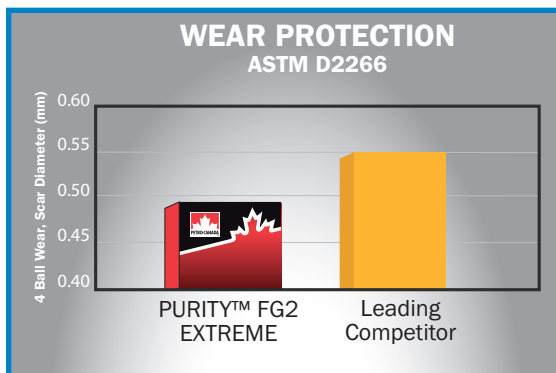
## PURITY™ FG2 EXTREME GREASE

### Introduction

PURITY™ FG2 EXTREME Grease is a high viscosity, semi synthetic, heavy duty food grade grease specifically formulated for low to medium speed, heavily loaded industrial bearings operating under severe conditions. PURITY FG2 EXTREME exhibits excellent protection in applications subjected to high temperature, high pressure, and heavy loads while operating continuously, such as in animal feed pellet mills and continuous rotary cookers.

### Superior Performance Benefits

- **Superior protection of gears, bearings and equipment in highly loaded or shock loaded situations**
  - Helps to prevent seizure, scuffing and spalling under shock loading conditions
  - Extends the life of the equipment



- **Superior resistance to lubricant breakdown in harsh operating environments**
  - Maintains consistency and lubrication in the presence of contaminants such as: food by-products, dirt and dust

- Highly resistant to water washout, water jet spray, and most sterilizing chemicals used in cleaning
- **Long-term equipment protection from rust and corrosion**
  - Helps to prevent bearing, gear and equipment damage in moist or wet operations
- **Effective across a wide range of temperatures**
  - Will not run from bearings exposed to high heat
  - Pumpable at low temperatures
  - Ideal for heavily loaded bearings operating under wide temperature swings
- **White, non-staining performance**
  - Easy to spot excess grease squeezing out of failing seals
  - Does not stain clothing, wood or porous materials
  - Wipes up easily and effectively in the event of incidental contact with food products or packaging

### Food Grade Approved

- **Fully approved for use in and around food processing areas**
  - H1 registered by NSF
  - This product is produced in strict compliance with ISO 21469
  - All components comply with FDA 21 CFR 178.3570 "Lubricants with incidental food contact"
  - Acceptable for use in food processing facilities in Canada
  - Certified Kosher and Pareve by Star K
  - Certified Halal by IFANCA
- **Free of genetically modified substances (GMS)**
- **Maintains food allergy safety**
  - Free of gluten
  - Does not contain, nor is it manufactured in a facility that manufactures, stores, or otherwise handles any nuts, sesame seeds, milk, eggs, fish and shellfish, soy, wheat or sulphites. For a complete list of PURITY FG approvals, consult a Petro-Canada Lubricants Technical Service Representative
- **Zinc free**

### What is the HT difference?

Petro-Canada Lubricants starts with the 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



## Typical Performance Data

PROPERTY	TEST METHOD	PURITY FG2 EXTREME GREASE
NLGI Grade	-	2
Grease Type	-	Aluminum Complex
Penetration:		
Unworked	D217	266
Worked 60 strokes		276
Penetration Change after 10,000 strokes		5
Colour	-	White
Odour	-	Odourless
Dropping Point, °C / °F	D2265	264 / 507
Water Washout Resistance, % @ 79 °C (174 °F)	D1264	3.5
Water Spray Off, wt. %	D4049	10.4
Extreme Pressure Protection:		
Timken, kg / lb	D2509	23 / 50
Four Ball Wear, scar diam, mm	D2266	0.48
Four Ball Weld, kg	D2596	400
Load Wear Index	D2596	62.4
Corrosion Protection:		
Copper Corrosion	D4048	1a
Bearing Corrosion	D1743	Pass
Oxidation Stability:		
Pressure drop after 100 hours, kPa (PSI)	D942	0 (0)
Base Oil Viscosity,		
cSt @ 40 °C (SUS @ 100 °F)	D445	469 (2502)
cSt @ 100 °C (SUS @ 210 °F)	D445	33.2 (162)
Base Oil Pour Point, °C / °F	D5950	-4 / 25
Normal Operating Temperature Range		-20 °C to 160 °C -4 °F to 320 °F

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

To order product or to learn more about how Petro-Canada Lubricants can help your business visit: [lubricants.petro-canada.com](http://lubricants.petro-canada.com) or contact us at: [lubecsr@petrocanadalsp.com](mailto:lubecsr@petrocanadalsp.com)



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