



PURITY™ FG LUBRICANTS

SOLUTIONS FOR TODAY'S **FOOD PROCESSING,**
PACKAGING AND BEVERAGE INDUSTRIES

**PLANT
TOUGH**
FOOD SAFE



LUBRICANTS

AN HF SINCLAIR BRAND

PURITY™ FG LUBRICANTS

DESIGNED TO PERFORM UNDER
THE MOST SEVERE CONDITIONS

Petro-Canada Lubricants PURITY FG food grade fluids and greases are designed to meet the highest food industry safety standards. In fact, these products do more than protect your equipment under extreme temperature contamination and intensive cleaning. They also help reduce downtime, streamline inventory and can ultimately help you save time and money. With over 40 years of experience in the industry, it's no wonder companies around the world are making the switch.



QUALITY & RELIABILITY

A TRUSTED INTEGRATED SUPPLY CHAIN

With a fully integrated supply chain, we carefully monitor every aspect of our manufacturing process to ensure you receive consistent, high-quality products. We also provide reliable delivery to our customers, employing an efficient global distribution system—you always receive what you need when you need it, regardless of where you are located around the world.

Meeting stringent industry standards worldwide

Food safety and productivity are vital to the success and reputation of your business. It's why all PURITY™ FG lubricants are registered with NSF for use in and around food processing areas and meet the safety standards of the industry.

NSF Categories

- H1 lubricants—incidental food contact
- H2 lubricants—no contact with food
- 3H food processing substances—release agents
- HT1 heat transfer fluid—incidental food contact

NSF International provides a widely recognized registration program for products used in food manufacturing plants.

ISO Registrations

- ISO 9001
- ISO 14001
- ISO 21469 certification for most lubricants

Many PURITY FG credentials also include Kosher Pareve and Halal certifications. PURITY FG lubricants can be easily implemented into Hazard Analysis and Critical Control Point (HACCP) plans and Good Manufacturing Practice (GMP) programs.

For a complete list of credentials, please consult a representative of Petro-Canada Lubricants, an HF Sinclair brand, or visit PURITYFG.com to view the technical data sheets for specific products.

ONE OF THE WORLD'S LARGEST WHITE OILS PRODUCERS

Most PURITY FG products are made from some of the purest base oils in the world, manufactured in our own production facility. By strictly controlling this process from start to finish, we offer a high degree of product consistency so you always get a quality product, regardless of where in the world it's going.

SELECT OEM APPROVALS

PURITY FG Synthetic Fluid 46

is listed by injection molding machine OEM Husky.

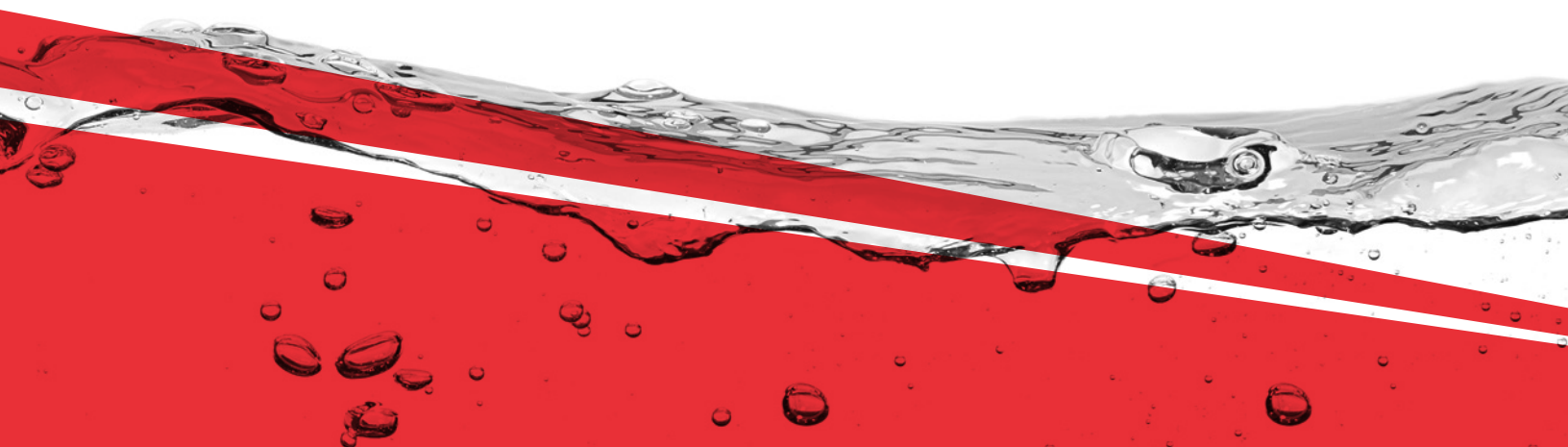
This product has also earned a stamp of approval from Hiperbaric for use in their customers' high-pressure processing (HPP) machines.

PURITY FG Seamer-E Fluid

is suitable for use in Pneumatic Scale Angelus™ series such as 61/62H, 80/81L, 100/101L, 120/121L, 140S, 180S and 12M.

PURITY FG AW 32

is approved for use in high-pressure processing applications by OEM JBT Avure.



PURITY™ FG WITH SynFX™

ADVANCED ADDITIVE TECHNOLOGY

Whether it's reducing the risk of contamination, concern over equipment longevity or worry over looming production deadlines, you need a food grade lubricant that can perform under real pressure without driving up costs. **PURITY FG with SynFX** is the answer. Its advanced additive technology brings synthetic-like performance to your operation.

SYNTHETIC-LIKE LONGEVITY FOR REDUCED DOWNTIME

Rivalling synthetics, PURITY FG with SynFX is engineered to give you longer-lasting protection for greater value. Resisting oxidative breakdown up to 2x longer* than competing conventional food grade lubricants, and comparable to many synthetics, it keeps your equipment free from sludge and varnish, resulting in less unnecessary downtime.



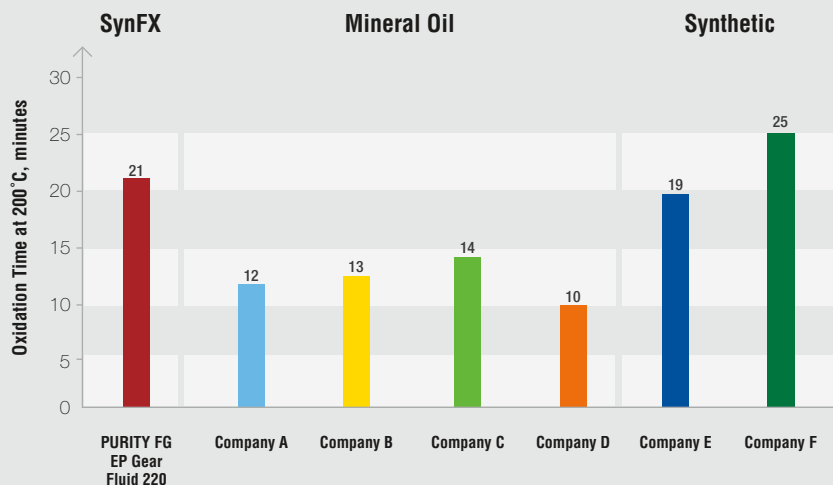
SYNTHETIC-LIKE WIDE-TEMPERATURE PERFORMANCE

Because it offers excellent high-temperature performance and a pour point that is up to 2x lower* than leading conventional food grade competitors (and in the same range as many synthetics), turn to PURITY FG with SynFX for consistent protection across a wide temperature range and boost your productivity.

Resistance to Oxidation

Pressure Differential Scanning Calorimetry 200°C (392°F)

Resists oxidative breakdown up to 2x longer than leading conventional food grade lubricants and even comparable to some synthetics.*



Look for **PURITY FG with SynFX** in our gear, hydraulic and compressor fluids.

*Measured against leading food grade lubricant brands

PERFORMANCE DRIVEN BY INNOVATION

STRIVING TO BRING INNOVATIVE
SOLUTIONS TO THE MARKET

Innovation is at the core of everything we do. Our complete line of lubricants is supported by a state-of-the-art research and development facility, along with experienced Technical Services Advisors who are ready to help you improve performance and efficiency.

LUBRICANTS, GREASES AND SPECIALTY FLUIDS

We know it's not enough for our food grade lubricants to simply meet the food safety standards; they must also meet your standards for performance. It's why, collectively, the PURITY™ FG family of products is formulated to generally provide:

- Longer life through exceptional thermal stability and oxidation resistance
- Excellent wear protection
- High resistance to water washout when it comes to greases
- Excellent water separability when it comes to oils

YOUR NEW FRONTIER OF PERFORMANCE

Superior service, unprecedented access to resources, and a global supply chain to help you reach a new frontier.



INDUSTRIES WE SERVE

We're proud to serve the needs of our customers in over 60 countries worldwide. Providing innovative lubricants, specialty fluids and greases, our reliable delivery reaches customers in a diverse and ever-increasing range of industries.

- Meat & Poultry Processing
- Animal Food Manufacturing
- Grain & Oilseed Milling
- Fruit & Vegetable Preserving
- Beverage Production
- Dairy Product Manufacturing
- Sugar & Confectionery Manufacturing
- Seafood Preparation & Packaging
- Bakeries
- Corrugated Package Manufacturing
- Packaging Containers Manufacturing
- Water Treatment Facilities



PURITY™ FG GREASES

Our high-performing, mineral- and synthetic-based greases protect your gears, bearings and equipment against wear and corrosion.

APPLICATIONS

PRODUCTS	NLGI GRADE			NSF REGISTRATION	Multi-purpose Grease for General Plant Use	Multi-purpose Grease for Low Temperature	Multi-purpose Grease for Wide Temperature	Heavy-duty Grease	Translucent Grease	Multi-purpose Grease for Centralized Lubrication Systems	Beverage Equipment
	00	1	2	H1							
PURITY FG GREASE	X	X	X	X	●					●	●
PURITY FG2 SYNTHETIC GREASE			X	X		●	●				
PURITY FG2 SYNTHETIC HEAVY 220			X	X			●	●			
PURITY FG2 MULTI PURPOSE			X	X	●						
PURITY FG2 EXTREME GREASE			X	X				●			
PURITY FG2 CLEAR GREASE			X	X					●		●
PURITY FG2 WITH MICROL™ MAX* GREASE			X	X	●						



























*MICROL MAX is an antimicrobial product preservative.

PURITY™ FG FLUIDS

We offer a complete line of high-performing, white-oil-based, synthetic-like and fully synthetic food grade lubricants to meet your specific needs.

APPLICATIONS

 = SynFX™ ADVANCED ADDITIVE TECHNOLOGY

PRODUCTS	NSF REGISTRATION				Hydraulic	Enclosed Gears	Air Line Lubricators	Compressors and Vacuum Pumps	Chains and Conveyors	Multi-functional Aerosol Sprays	Hook and Trolley Systems	Heat Transfer Systems	Release Agent Wipe Down Oil	Can Seaming	Slitter Scorer Systems	Synthetic PAO Barrier Fluid for Mechanical Seals
	H1	H2	3H	HT1												
PURITY FG-X AW HYDRAULIC FLUID 46	X															
PURITY FG EP GEAR FLUID 100, 150, 220, 320, 460	X															
PURITY FG COMPRESSOR FLUID 46, 100	X															
PURITY FG SYNTHETIC FLUID 46, 100	X															
PURITY FG SYNTHETIC EP GEAR FLUID 220, 460	X															
PURITY FG PAG GEAR OIL 150, 220, 460	X															
PURITY FG AW HYDRAULIC FLUID 32	X															
PURITY FG AW HYDRAULIC FLUID 46, 68, 100	X															
PURITY FG CHAIN FLUID Light, Heavy	X															
PURITY FG TROLLEY FLUID 46	X															
PURITY FG SPRAY	X															
PURITY FG PENETRATING OIL SPRAY	X															
PURITY FG SILICONE SPRAY	X															
PURITY FG HEAT TRANSFER FLUID				X												
PURITY FG WO WHITE MINERAL OIL 10, 15, 35	X		X													
PURITY FG WO WHITE MINERAL OIL 40, 68, 90	X		X													
PURITY FG SEAMER-E FLUID	X															
PURITY FG CORRCUT-E FLUID 15	X															
PURITY FG SYNTHETIC BARRIER FLUID 5, 32	X															

H1 lubricants—incidental food contact
H2 lubricants—no contact with food

3H food processing substances—release agents
HT1 heat transfer fluid—incidental food contact



OUR NO-NONSENSE LUBRICANTS **WARRANTY**

“We will repair equipment or replace equipment parts that are damaged due to defects of a Petro-Canada Lubricants product, as long as the lubricant is used in accordance with your equipment manufacturer’s and our recommendations.”

IT’S MORE THAN JUST A WARRANTY. IT’S A COMMITMENT.

To learn more about how Petro-Canada Lubricants products can help your business, visit **lubricants.petro-canada.com** or contact us at **lubecsr@hfsinclair.com**

Committed to the disciplined operation of our business.



AN HF SINCLAIR BRAND