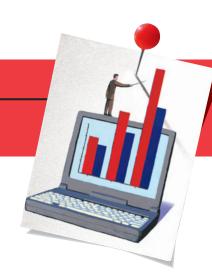
Petro-Canada

TechData

PURITYTM FG SEAMER-E FLUID





Introduction

PURITY™ FG Seamer-E fluid is a high performance, advanced food grade lubricant specially designed for use in the food canning industry.

PURITY FG Seamer-E fluid is a mineral oil based, water emulsifying fluid that is formulated for use in high-speed continuous lubrication seaming units where contamination of the oil with water, food juices and sugar may occur. It is designed to lubricate the main turrets, bearings, chains and gears for smooth and effective equipment performance.

PURITY FG Seamer-E fluid provides viscosity control in the presence of water, and excellent load-carrying properties and corrosion inhibition to protect seamer components.

PURITY FG Seamer-E fluid meets the highest food industry safety standards and fits perfectly in HACCP (Hazard Analysis and Critical Control Point) and GMP (Good Manufacturing Practice) plans. All components comply with FDA regulation 21 CFR 178.3570 "Lubricants with incidental food contact".

PURITY FG Seamer-E fluid is registered by NSF as an H1 lubricant for use in food processing plants where incidental food contact may occur. This product is acceptable for use in food processing facilities in Canada.

PURITY FG Seamer-E fluid is recognized by PneumaticScaleAngelus®, one of the world's largest manufacturers of can seamer machines. Based on successful equipment trials, PneumaticScaleAngelus has no objection to the use of Purity FG Seamer-E Fluid in seamers of the series: 61/62H, 80/81L, 100/101L, 120/121L, 140S, 180S and 12M. Specific application and working environment should be evaluated by technical personnel.

Performance Benefits

- Strong Load Carrying Characteristics
 - Excellent load carrying properties promote effective seamer performance and equipment protection
- Excellent Water Control
 - · Viscosity control
 - Emulsifying formulation
 - Corrosion inhibition
- H1 registered by NSF for use in and around food processing areas



Nonfood Compounds Program Listed H1

THUM PERFORMALE

What is the HT

Petro-Canada starts

process to produce

water-white, 99.9% pure base oils. The

result is a range of

lubricants, specialty

fluids and greases

customers.

that deliver maximum performance for our

with the HT purity

difference?

Applications

PURITY FG Seamer-E Fluid may be used to lubricate the main turrets, bearings, gears and chains of high-speed seamer units that use recirculating lubrication and have a filtration system to help remove contaminants and water. PURITY FG Seamer-E fluid is also specially designed for systems using "once through" lubrication where the contamination of the lubricant with water, food juices, and sugar may occur.

Typical Performance Data

PROPERTY	TEST METHOD	PURITY FG SEAMER-E FLUID
Appearance		Clear
Density, kg/L @ 15°C	D4052	0.884
Viscosity, cSt @ 40°C (SUS @ 100°F) cSt @ 100°C (SUS @ 210°F)	D445	131 (679) 14.9 (79)
Viscosity Index	D2270	116
Flash Point, COC, °C (°F)	D92	243 (469)
Pour Point, °C (°F)	D5950	-15 (5)
Water separability, mL @ 82°C (180°F), minutes	D1401	0-0-80 (60)
Rust A	D665A	Pass
4-Ball Wear Scar diam., mm	D4172	0.50
4-Ball EP Weld Load, kgf	D2783	200
FZG Scuffing load capacity, Failure load stage	D5182 A/8.3/90	> 12

Health and Safety

To obtain Material Safety Data Sheets (MSDS), contact one of our TechData Info Lines or visit our website at lubricants.petro-canada.ca.

TechData Info Lines

To place an order, please call a Customer Order Management Representative at :

 Canada (English)
 Phone 1-800-268-5850

 (French)
 Phone 1-800-576-1686

 United States
 Phone 1-877-730-2369

 Latin America
 Phone +1-416-730-2369

 Europe
 Phone +1-416-730-2389

 Asia
 Phone +1-416-730-2372

 China
 Phone +86 (21) 6362-0066

You can also e-mail us at lubecsr@suncor.com

ISO 9001 ISO 14001 ISO/TS 16949

To learn more about how Petro-Canada lubricants, specialty fluids, oils and greases can help maximize your equipment performance, savings and productivity, please contact us at:

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 Phone 1-866-335-3369

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