

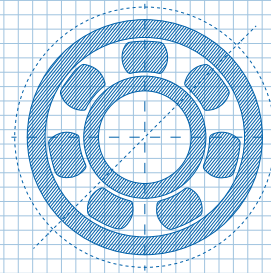


Uniflor™ 4622R-FG

Industrial Bearing Grease

A Food-Grade PTFE thickened completely fluorinated grease with an anti-corrosion additive and high temperature serviceability.

Industrial bearings such as those found in conveyors, wheels, and fans, require lubrication to extend component life and reduce downtime. Uniflor™ 4622R-FG is specified for extreme operating temperatures up to 260 °C, resists aggressive chemicals and fuels, and contains an anti-corrosion additive. This grease is NSF H1 approved for incidental food contact.



ADVANTAGES OF UNIFLOR™ 4622R-FG

- Improves bearing load-carrying capability
- Protects against corrosion & rust
- Resists water, fuels & solvents
- Reduces maintenance intervals
- Extends bearing life
- NSF H1 Registration #149159

INDUSTRIES SERVED

- Cooking & Baking Processes
- Textile Processing
- Steel & Aluminum Processing
- Paper Processing
- Plastic Film Production
- Glass & Concrete Production
- Chemical Processing
- Grain Mills

PACKAGING OPTIONS

Nye greases are available in a variety of packaging sizes for both high-volume automated production dispensing and small volume manual dispensing, such as field repairs.

- 1 kg jar
- 28 oz cartridge
- 50 lb pail
- 75 lb pail



TYPICAL PROPERTIES

Base Oil Properties	Conditions	Uniflor™ 4622R-FG	Test Method
Chemistry	—	PFPE/PTFE	—
Temperature Range	—	-20 to 260 °C	—
Kinematic Viscosity	100 °C	47 cSt	ASTM D445
	40 °C	510 cSt	
Grease Properties			
Color	—	White	—
Appearance	—	Smooth	—
Oil Separation	24 h, 100 °C	4.1%	ASTM D6184
Evaporation	24 h, 100 °C	0%	CTM*
Copper Corrosion	24 h, 150 °C	2A No Corrosion	ASTM D4048
4 Ball Wear	60 min, 1200RPM, 40 kg load, 75 °C	0.49 mm	ASTM D2266
Low Temperature Torque	-20 °C	Start – 1298 g-cm 10 min – 885 g-cm 60 min – 649 g-cm	ASTM D1478
Oxidation Stability	100 °C, 168 h	3.4 kPa	ASTM D942
Bearing Rust Test	52 °C	Pass (No Corrosion)	ASTM D1743
SKF EMCOR Bearing Corrosion	168 h	0-1 (none to trace)	ASTM D6138
SRV, Step Load	75 °C, 50 Hz	300 N	ASTM D5706

*CTM: Nye Company Test Method

Since 1844: Our performance is reflected in the value we bring to our customers.

Nye Lubricants is a leader in the innovation, formulation and provision of synthetic lubricants, enabling and improving breakthrough products and critical new technologies. We bring proven experience, deep technical knowledge and customer focus to solve our customers' toughest challenges, adding tangible value to products in a wide range of industries and applications.

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