



Our Business is Global

TECHNICAL DATA

FOODSAFE SYNGEL FG-750

PREMIUM HIGH TEMPERATURE FOOD GRADE SYNTHETIC LUBRICATING GREASE

FOODSAFE SYNGEL FG-750 is a premium food grade grease that contains an inorganic thickener fortified with synthetic hydrocarbon lubrication and food grade PTFE, polytetrafluoroethylene. NSF H1 registered for incidental contact with food in and around food processing areas.

SYNGEL FG-750 is designed to work in both high and low temperature ranges from -30°C to 326°C (620°F) for demanding applications in the pharmaceutical, food service, bakeries, dairy, meat and poultry, beverage, and packaging industries. SYNGEL FG-750 is a state of the art lubricating grease fortified with additives to provide superior wear, friction and corrosion reduction and will not emulsify and performs exceptionally well in wet applications. It is virtually waterproof.

SYNGEL FG-750 Synthetic Lubricating Grease will last much longer than conventional greases (in most cases up to ten times longer). This product is non-carbonizing and non-melting at elevated temperatures, highly water resistant, food safe, provides extended lubrication intervals and is extremely cost effective.

Physical Properties

SYNTHETIC FG GREASE PART NO.	SYNGEL FG-750
NLGI Grade	2
Color	White
Appearance	Smooth (Thick Vaseline Texture)
Base Oil -ASTM D 446	Synthetic Hydrocarbon PAO
Viscosity at 40°C cSt	460
Viscosity at 100°C cSt	40
Thickener Type	Inorganic Thickening Agent
Density at 20°C g/cm3	0.89
Service Temperature	(-30°C to 326°C) -22°F to 620°F
Drop Point -ASTM D 2265	Approx 326°C
Evaporation, CTM, 24 hours at 100°C	0.7%
Oil Separation -ASTM D6184, 24 hours @ 100°C	0.8%
4-Ball Wear - ASTM D 2266	0.49 mm
4-Ball Load Wear Index	70+
Last non seizure load	80-kg (0.39mm)
Last seizure load	250-kg (2.02mm)
Weld load, kg ASTM D 2596	315
Corrosion Preventative Properties – ASTM D 1743	Pass
NSF Registration	H1



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