



TECHNICAL DATA

Rev.06/19

PETRO-GARD® XP-2

SYNTHETIC FOOD GRADE CALCIUM SULFONATE COMPLEX LUBRICATING GREASE

PETRO-GARD® XP-2 grease is a 100% synthetic calcium sulfonate thickened lubricating grease created specifically for the pharmaceutical, food service, bakeries, dairy, meat and poultry, beverage, and packaging industries. It's base fluid and additive package provide superior water spray off and water wash off properties. It offers excellent anti wear properties extreme pressure properties oxidation resistance and protection from rust and corrosion. The synthetic base stock gives PETRO-GARD XP-2 exceptional low temperature and thermal stability over a wide temperature rang from -40°C to 177°C (350°F). PETRO-GARD® XP-2 is NSF H1 registered for incidental contact with food in and around food processing areas.

PETRO-GARD® XP-2 are ideal for bearings and couplings in dough mixers, cookers ad other equipment used in food processing and bakeries where water resistance and high operating temperatures are a concern. Special additives are employed to keep the grease in place between wash-down cycles, which improves equipment and lubricant life in wet conditions.

SYNTHETIC FOOD GRADE GREASE	PETRO-GARD® XP-2
NLGI Grade	2
ISO GRADE	220
Color	Off White to Beige
Texture	Smooth
Base Oil -ASTM D 446	Synthetic Hycrocarbon
Viscosity at 40°C cSt	220 cSt
Viscosity at 100°C cSt	25.53 cSt
Viscosity Index	147
Thickener Type	Calcium Sulfonate
Density at 20°C g/cm3	0.98
Service Temperature	-40°C to 177°C (-40 F to 350°F)
Drop Point -ASTM D 2265	316 C (600 F)
Penetration Worked 60 ds	265 - 295
Oil Separation -ASTM D6184	< 0.5%
4-Ball Wear - ASTM D 2266	0.50mm
4-Ball Load EP Weld Pt	64.3
Last seizure load	400-kg (2.02mm)
Weld load, kg ASTM D 2596	400 kg
Corrosion Preventative Properties – ASTM D 1743	Pass
Corrosion Preventative Properties EMCOR ASTM D 6138	0/0
Water Washout – ASTM D 1264	<1 %
NSF Registered (Approved for incidental contact with food)	H1

Shelf Life: Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use. Warehouse in unopened containers at ambient conditions. For information on the safe handling and use of this product, refer to the Safety Data Sheet.

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Member of the American Baking Society