

777

Syn-O-Gen[®] Grease with Moly-D

Multi-purpose Full Synthetic Grease

DESCRIPTION:

Syn-O-Gen 777 is a 100% pure synthetic grease for wide-range multi-purpose applications. Wide-range applications include not only wide temperature ranges but also a wide range of performance and environmental applications. Syn-O-Gen's advantages over mineral oil based greases are unmistakable. Performance, versatility, equipment protection, and cost savings are the hallmarks of this superior grease.

COMPOSITION:

Syn-O-Gen Multi-purpose Synthetic Grease is formulated with 100% pure synthesized hydrocarbon basestocks to impart its remarkable properties. Superior lubricating properties coupled with extremely low pour point and extremely high temperature oxidation and thermal stability produce a grease that is unmatched in performance for numerous applications. These basestocks are compounded with special thickeners and additives which in addition, make Syn-O-Gen non-melt, tacky, and water resistant, with outstanding extreme pressure, rust and corrosion protection.

PERFORMANCE CHARACTERISTICS:

An operating temperature range of -55° F to 550°F is where Syn-O-Gen Synthetic Grease excels. With mineral oil based greases typically covering a temperature range of 0°F to 300°F, the extra versatility of this special grease is apparent.

Syn-O-Gen No. 777 has excellent load carrying abilities and is exceptional for use in high speed bearings.

At high temperatures Syn-O-Gen will not melt and run as most other greases do. Even in comparison with other "high-temp" greases at elevated temperatures, Syn-O-Gen can last ten times as long.

At low temperatures and for arctic service, Syn-O-Gen remains pumpable where other greases do not. Under these conditions bearings and equipment can continue to operate freely where with other greases, bearings and other parts can become inoperable. Thus, Syn-O-Gen is of great benefit to both maintenance operations as well as equipment operation, saving valuable time and money.

USES:

- High temperature grease
- High pressure grease
- Low temperature grease
- Water resistant grease
- Long life grease
- Anti-Corrosive grease
- Sealed for life bearings
- Equipment in wide range of conditions
- O.E.M. factory fill

APPLICATIONS:

- Foundries
- Brick and tile kilns
- Lithographic ovens
- Plywood dryers
- High Speed Bearings
- Glass forming equipment
- Tire companies
- High temperature, severe service disc brakes
- Hard to reach bearings
- Military equipment
- Arctic service
- Bearings in freezers
- Centralized lubrication systems



SYNTHETIC LUBRICANTS

777 Syn-O-Gen® Grease with Moly-D Multi-purpose Full Synthetic Grease

TYPICAL SPECIFICATIONS:

NLGI Consistency Grades	No. 2 and No. 0
Penetration, worked	
60 strokes @ 77° F (No. 2)	270
Dropping Point, °F	None
Wheel Bearing Leakage Test	Pass
Oil Separation	None
Water Resistance	Excellent
Rust Prevention Test	Pass
Oxidation Stability	
psi loss @ 100 hours	<1
Timken OK Load	50 lbs.
Texture	Tacky
Color	Green

BASE FLUID PROPERTIES:

Viscosity,	
cSt, 40°C	37
cSt @ 100°C	6.9
SUS @100°F	173
SUS @ 210°F	49
cSt @ -40°C	10,000
Viscosity Index	149
Flash Point, °F(°C)	496(258)
Fire Point, °F(°C)	550(288)
Pour Point, °F(°C)	-55(-48)