



# SYNPRO SHC GREASE 00 (Green Trailer Hub Grease)

**SYNPRO SHC GREASE** greases are high performance extreme pressure synthetic greases that feature a number of distinct advantages as compared to conventional mineral oil greases. The lithium complex thickener produces excellent water resistance and a wide temperature range.

**SYNPRO SHC GREASE** greases are suitable for factory fill since they may be used at higher temperatures for longer periods of time than are conventional mineral oil greases. Their low temperature performance is excellent.

**SYNPRO SHC GREASE** greases are compounded with selected additives and select base oil viscosity grades to enhance their performance.

**SYNPRO SHC GREASE** greases also contain extreme pressure and antiwear additives, which, coupled with the high viscosity base oils, produce a high load carrying ability and reduce wear. In addition, Oxidation inhibitors are employed to provide a long service life at elevated temperatures and to reduce deposits. Rust and corrosion inhibitors protect metal parts in areas where corrosive chemicals and salt water are present.

**SYNPRO SHC GREASES** are proven to reduce wear, extend equipment life; lower maintenance cost and reduce inventories.

The 00 grade is a very soft and almost semifluid grade of grease. It has sufficient body to stay put and to prevent leakage past seals. This prevents leakage onto brake shoes when used in wheel hub assemblies.

## **BENEFITS:**

- RESISTENCE TO POUNDING - OUT UNDER PRESSURE
- CAPABLE OF WITHSTANDING HEAVY SHOCK LOADS
- EXCELLENT RUST PROTECTION
- STAYS IN PLACE AS A SEMIFLUID
- WIDE TEMPERATURE RANGE
- EXTENDED GREASING INTERVALS

## **APPLICATIONS:**

**SYNPRO SHC GREASE** greases are extremely versatile. They can be used at a wide range of temperatures.

**SYNPRO SHC 00 GREASE** is ideal for leaky gear boxes or trailer hubs that are subjected to high temperature.

The Truck Maintenance Council (TMC) publication RP 631 recommends the 00 grade grease for on-highway trailer wheel-end bearings. The TMC recommends that these trailer hub bearings be half filled to prevent premature seal failure.

It is ideal for other industrial applications where 00 grade grease is recommended.

Technical data for other grades of this grease are shown on a separate data sheet.



# SYNPRO SHC GREASES

## TYPICAL CHARACTERISTICS

Product Code	39670
NLGI Grade	00
Thickener Type (Lithium Complex)	Yes
Texture	Smooth
Color	Green
Worked Penetration (ASTM D-217)	415
Dropping Point (ASTM D-2265) °F (°C)	500 (260)
Base Oil characteristics Viscosity (ASTM D-445): cSt @ 40°C cSt @ 100°C SUS @ 100°F SUS @ 210°F Viscosity index	460 46.5 2400 225 150 -
Oxidation Stability (ASTM D-942) psi drop, 100 hrs	5
Oil separation, % (D 6168)	10
Rust Prevention (ASTM D-1743) Emcor Corrosion rating (ASTM D 6138)	Pass
Timken OK Load, lbs (ASTM D-2509)	50
Four Ball EP (ASTM D-2596) Weld Point, kg Load Wear Index	315 35
4-Ball Wear, 40 kg, scar diameter, mm (ASTM D-2266)	0.60 max

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.  
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