



# SYNPRO SHC GREASES

## (NLGI 1.5 and 2)

**SYNPRO SHC 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 GREASES** are suitable for use at higher temperatures for longer periods of time than are conventional mineral oil greases. Their low temperature performance is also excellent.

**SYNPRO SHC GREASES** are compounded with selected additives and select base oil viscosity grades to enhance their performance. The inherent heavy base oils improve water resistance and pounding out making **SYNPRO SHC GREASES** superior in areas where water impinges on bearings as in paper machines, rolling mills and gears. Many operators have discovered that this unique ability of **SYNPRO SHC GREASES** to resist wash out and squeeze out allows them to significantly extend lubrication intervals, reducing grease usage and labor.

**SYNPRO SHC 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.

### **BENEFITS:**

- RESISTANCE TO POUNDING - OUT UNDER PRESSURE
- CAPABLE OF WITHSTANDING HEAVY SHOCK LOADS
- EXCELLENT WATER WASHOUT RESISTANCE
- WIDE TEMPERATURE RANGE
- EXTENDED GREASING INTERVALS

### **APPLICATIONS:**

**SYNPRO SHC GREASES** are extremely versatile. They can be used in a wide range of temperatures (from -35 F to 450 F).

**SYNPRO SHC GREASES** are recommended for a multitude of applications where mineral based fluids are inadequate. They are ideal for many industrial applications such as paper mills, cement plants, metalworking shops, power plants, chemical manufacturing facilities, textile mills, plastics plants, food processors, sawmills, foundries, wastewater treatment plants and steel mills.

**SYNPRO SHC GREASES** are recommended for heavy-duty automotive applications such as wheel bearings, suspension joints and steering linkages. They protect lubricating parts operating under severe operating conditions.



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### TYPICAL CHARACTERISTICS

Product Code	39672	39673
NLGI Grade	1.5	2.0
Thickener Type (Lithium Complex)	Yes	Yes
Texture	Smooth	Smooth
Color	Beige	Beige
Worked Penetration (ASTM D-217)	300	280
Dropping Point (ASTM D-2265) °F (°C)	525 (280)	525 (280)
Base Oil characteristics Viscosity (ASTM D-445): cSt @ 40°C cSt @ 100°C Viscosity index	460 46 155	220 26 146
Oxidation Stability (ASTM D-942) psi drop, 100 hrs	7	7
Oil separation, % (D 6168)	<4	<3
Rust Prevention (ASTM D-1743) Emcor Corrosion rating (ASTM D 6138)	Pass 0/0	Pass 0/0
Timken OK Load, lbs (ASTM D-2509)	55	55
Four Ball EP (ASTM D-2596) Weld Point, kg Load Wear Index	315 54	315 50
4-Ball Wear, 40 kg, scar diameter, mm (ASTM D-2266)	0.58	0.57
Water washout, (D 1264) @ 175F,	5% max	5% max

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