



**YOU GET OUT
WHAT YOU
PUT IN.** 

SHP® Grease

Kendall® SHP Grease is a premium quality, semi-synthetic, multipurpose, extreme pressure (EP), calcium sulfonate grease specially developed for use in industrial and automotive equipment operating in wet or corrosive environments. It is recommended for equipment exposed to water contamination, saltwater corrosion and/or high temperatures.

SHP Grease is manufactured with high quality base oils and a non-soap, calcium sulfonate thickener. It is fortified with EP and antiwear additives as well as rust and corrosion inhibitors. It protects against rust and corrosion in high humidity, high temperature applications such as those found in the steel, lumber, tire manufacturing and paper industries. It has excellent load carrying capacity, high shear stability and outstanding resistance to water washout.

SHP Grease is NLGI GC-LB certified for use as a multipurpose automotive wheel bearing and chassis lubricant.

Applications

- Industrial and automotive equipment operating at high temperatures and exposed to water contamination, high humidity or corrosive environmental conditions
- Chassis parts and wheel bearings on heavy duty and fleet equipment
- Marine equipment, heavy mobile equipment and cables exposed to salt water
- Paper machine wet- and dry- end bearings and hot calender stacks
- Rolling mills, hot roll tables, continuous casters, ingot buggies and slab mills
- Steel mill roller bearings, conveyors and gears
- Centralized lube systems and auto lubbers in service shops

Features/Benefits

- Excellent oxidation resistance and thermal stability at high temperatures
- Outstanding rust and corrosion protection, including resistance to saltwater corrosion
- Excellent EP and antiwear properties
- High load carrying capacity
- Outstanding resistance to water washout
- Excellent shear stability
- NLGI GC-LB certified

**Premium
Semi-Synthetic
Corrosion
Preventive
Extreme Pressure
Calcium
Sulfonate Grease
NLGI GC-LB**



SHP® Grease

| Typical Properties | | | |
|---|------------|-------------------|-------------------|
| NLGI Grade | | 1 | 2 |
| Thickener Type | | Calcium Sulfonate | Calcium Sulfonate |
| Color | | Tan | Tan |
| Texture | | Smooth | Smooth |
| Density, lbs/gal | | 7.96 | 7.96 |
| Dropping Point, °C (°F) | ASTM D2265 | 260 (500) | 260 (500) |
| Viscosity, Kinematic | ASTM D445 | | |
| Viscosity @ 40°C, cSt | | 150 | 150 |
| Viscosity @ 100°C, cSt | | 17.0 | 17.0 |
| Penetration, Worked (60 strokes) | ASTM D217 | 310-340 | 265-295 |
| Oxidation Stability, 100 Hours, psi (kPa) | ASTM D942 | 5 (34) | 5 (34) |
| Four-Ball Wear Scar, mm | ASTM D2266 | 0.53 | 0.46 |
| Four-Ball EP, Weld Load, Kgf | ASTM D2596 | 400 | 400 |
| Timken OK Load, lbs | ASTM D2509 | 60 | 60 |
| Corrosion Prevention | ASTM D1743 | Pass | Pass |
| Copper Corrosion | ASTM D4048 | 1b | 1b |
| Water Wash-out, wt% | ASTM D1264 | 2.23 | 1.25 |

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet via <http://www.phillips66.com/SDS>.

Updated: 12-02-2019

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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