



**THE  
GOOD  
STUFF**

## **SHP® Grease**

Kendall® SHP Grease is a premium quality, multipurpose, extreme-pressure (EP) calcium sulfonate grease specially developed for use in industrial and automotive equipment operating in wet or corrosive environments. It is particularly 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 antiwear additives and 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 extreme-pressure and antiwear properties
- High load-carrying capacity
- Outstanding resistance to water washout
- Excellent shear stability
- NLGI GC-LB certified

**Premium  
Extreme-  
Pressure,  
Corrosion  
Preventive  
Grease; NLGI  
GC-LB Certified**



## SHP® Grease

| Typical Properties  |                   |                   |
|---|-------------------|-------------------|
| NLGI Grade  | 1                 | 2                 |
| Thickener   | Calcium Sulfonate | Calcium Sulfonate |
| Color   | Red               | Red               |
| Dropping Point, °C (°F)   | 290 (554)         | 290 (554)         |
| Density, lbs/gal  | 7.89              | 7.99              |
| Penetration, Worked (60 strokes), ASTM D217                         | 310-340           | 265-295           |
| Texture   | Smooth            | Smooth            |
| Four-Ball EP, ASTM D2596, Weld Load, kgf                            | 500               | 500               |
| Four-Ball Wear, ASTM D2266, Scar Diameter, mm                       | 0.39              | 0.39              |
| Oxidation Stability, ASTM D942, 100 hours, Pressure Drop, psi (kPa) | <1 (<7)           | <1 (<7)           |
| Rust Prevention, ASTM D1743   | Pass              | Pass              |
| Timken OK Load, ASTM D2509, lb                                      | 65                | 65                |
| Water Washout Resistance, ASTM D1264, 175°F, Wt Loss, %             | 6.0               | 2.8               |
| Base Oil Properties:  |                   |                   |
| Viscosity   |                   |                   |
| cSt @ 40°C  | 100               | 100               |
| cSt @ 100°C   | 11.2              | 11.2              |
| SUS @ 100°F   | 522               | 522               |
| SUS @ 210°F   | 65                | 65                |
| Viscosity Index   | 97                | 97                |
| Usable Temperature Range:   |                   |                   |
| °C  | -34 to 177        | -34 to 177        |
| °F  | -30 to 350        | -30 to 350        |

## 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/EN/products/Pages/MSDS.aspx>.

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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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