

## SGH 500 HD Series

Special High Performance Extreme Pressure Grease



### YOUR BENEFITS

- High quality lubricating grease with good shear stability.
- Chosen EP additives help combat extreme pressure conditions.
- Capable of withstanding loads without dis-integration.
- Excellent water resistance properties.
- Guards against rust and corrosion.
- Contains no heavy metals or ingredients harmful to human health.
- Highly stable under shear loads amidst moist and humid environment.
- Protecting Equipment from wear under difficult conditions of extreme load & slow speed.

### APPLICATION

- For various applications like paper machines, outdoor cranes and ship lifts, boat trailer, wheel bearings and other marine applications.
- Used in heavy loaded equipment's like pellet mills, shaker screens, belt conveyor pulleys, pin & bushings, hammer Mills, sealed work roll bearings, slewing pulleys, and many others.
- For high temperature applications i.e., oven conveyor bearings, plastic extruder bearings, rotary unions on roto molders.

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| CHARACTERISTICS               | TEST METHOD | UNIT   | SGH 500 HD                 | SGH 500 HD/1               |
|-------------------------------|-------------|--------|----------------------------|----------------------------|
| Appearance                    | Visual      | -      | Smooth                     | Smooth                     |
| Color                         | Visual      | -      | Light Green                | Light Green                |
| Base [Thickener]              | -           | -      | Calcium Sulphonate Complex | Calcium Sulphonate Complex |
| Base Oil                      | -           | -      | Mineral                    | Mineral                    |
| Base Oil Viscosity @40°C      | ASTM D 445  | cSt    | 500                        | 500                        |
| NLGI Grade                    | -           | -      | #2                         | #1                         |
| Worked Penetration            | ASTM D 217  | 0.1 mm | 265 - 295                  | 310 - 340                  |
| Dropping Point                | ASTM D 2265 | °C     | >300                       | >300                       |
| Four Ball Weld Load           | ASTM D 2596 | Kg     | 800                        | 800                        |
| Four Ball Wear Scar           | ASTM D 2266 | mm     | < 0.7                      | < 0.7                      |
| Water Washout @80°C, wt. loss | ASTM D 1264 | %      | < 10.0                     | < 10.0                     |
| Copper Strip Corrosion Test   | ASTM D 4048 | Rating | 1b                         | 1b                         |
| Operating Temperature Range   | -           | °C     | -20/+200                   | -20/+200                   |

The values quoted above are typical and do not constitute a specification.

**INDUSTRY:**

MRO, Steel

**PACK SIZE:**

1 Kg / 5 Kg / 20 kg Bucket

180 kg Drum

**SHELF LIFE:**

24 Months

Marginal variation in shade can be expected from batch to batch. The color has no effect on the lubricating properties of the product.  
MSDS available on request. Due to continual upgradation of products above data is subject to change without notice.

This supersedes our previously issued data sheets.

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