

## SGHT 600

**Special Grade High Temperature Grease For Extremely Slow Moving Bearings**

### Benefits :

- Non dropping grease providing lubrication at temperatures as high as 600°C
- High load carrying capacity.
- Does not clog bearings.
- Base oil evaporates beyond 200°C leaving solid lubricant to carry out the lubrication.

### Applications :

- Suitable for paper mills, steel mills, petrochemical & other heavy engineering industry.
- Ovens, trolley rollers, furnace bearings and other types of extremely slow moving bearings subjected to high temperatures upto 600°C.

| Characteristics             | Test Method | Unit   | Specifications       |
|-----------------------------|-------------|--------|----------------------|
| Appearance                  | Visual      | –      | Smooth               |
| Colour                      | Visual      | –      | Black                |
| Base [Thickener]            | –           | –      | Special Grade Carbon |
| Base oil                    | –           | –      | Synthetic            |
| Base Oil Viscosity @ 40°C   | ASTM-D-446  | cSt    | 100                  |
| NLGI Grade                  | –           | –      | # 2                  |
| Worked Penetration          | ASTM D-217  | 0.1 mm | 265 - 295            |
| Dropping Point              | ASTM D-2265 | °C     | none                 |
| Four Ball Weld load         | ASTM D-2596 | N      | 2500                 |
| Four Ball Wear Scar         | ASTM D-2266 | mm     | NMT 0.5              |
| Copper Strip Corrosion Test | ASTM D-4048 | rating | 1a                   |
| Solid Lubricant             | –           | –      | Graphite             |
| Operating Temperature Range | –           | °C     | -20/+600             |

- Warning :**
- To be used in extremely slow moving bearings / components.
  - For optimum performance only 25% to 35% of void space in bearings to be filled with SGHT 600 Grease. Do not overfill.

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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