

## Spheerol™ SY Range

Super premium synthetic greases

### Description

Castrol Spheerol™ SY Range are lithium complex thickened lubricating greases based on synthetic base fluid. The grease contains antioxidants, corrosion inhibitors and Extreme Pressure / Anti Wear additives.

### Application

The thickener, together with the synthetic base fluid, make the products suitable for various types of bearing applications including high and low temperature applications. The complex soap structure also gives the products a high degree of mechanical stability.

### Advantages

- Outstanding high and low temperature performance
- Very good mechanical stability
- High load carrying capability
- Good corrosion protection

### Typical Characteristics

| Name  | Method               | Units              | Spheerol SY 1002 | Spheerol SY 2202 | Spheerol SY 4601 |
|---|----------------------|--------------------|------------------|------------------|------------------|
| Thickener Type                                | -                    | -                  | Lithium Complex  | Lithium Complex  | Lithium Complex  |
| NLGI Classification                           | ISO 2137/ ASTM D217  | -                  | 2                | 2                | 1.5              |
| Colour  | Visual               | -                  | Beige            | Beige            | Beige            |
| Dropping Point                                | ISO 2176 / ASTM D566 | °C/°F              | >260/>500        | >260/>500        | >260/>500        |
| Base Oil Viscosity @ 40°C / 104°F             | ISO 3104 / ASTM D445 | mm <sup>2</sup> /s | 100              | 220              | 460              |
| Worked Penetration (60 strokes @ 25°C / 77°F) | ISO 2137/ ASTM D217  | 0.1 mm             | 265-295          | 265-295          | 290-320          |
| Four Ball Weld Load test - Weld Point         | DIN 51350-4          | kgf                | 347              | 347              | 326              |
| Operating Temperature Range                   | -                    | °C                 | -40 to +150      | -40 to +150      | -40 to +150      |

Subject to usual manufacturing tolerances.

## Additional Information

Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

## Storage

Supplied in pails of approximately 18kg. Note the actual pack size may vary according to country of supply.

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings.

Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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