

## Spheerol AP 3

Lithium Based Grease

### Description

Castrol Spheerol AP3 is a lithium soap thickened grease.

### Application

Spheerol AP3 is a lithium-based grease incorporating solvent-refined base oils. It contains oxidation and corrosion inhibitors, which help to ensure long service life and a high level of protection for metal surfaces. Spheerol AP 3 is additionally water-resistant.

Spheerol AP 3 is primarily intended for use in plain and roller bearings besides other machinery applications under normal load conditions and within an operating range of -20°C to 120°C.

### Features / Benefits

- Corrosion Inhibitor additives ensure protection of metal surfaces extending bearing life
- Oxidation inhibitors extend the life of the grease in high temperature applications minimising the need for re-greasing
- Water resistance ensures good levels of protection in wet applications

### Technical Data

| Name                                 | Method    | Units              | Spheerol AP 3 |
|--------------------------------------|-----------|--------------------|---------------|
| NLGI Class                           | ASTM D217 | -                  | 3             |
| Colour                               | Visual    | -                  | Light Brown   |
| Worked Penetration at 25 °C          | ASTM D217 | 0.1mm              | 235           |
| Dropping point                       | ASTM D566 | °C                 | 174           |
| Base oil kinematic viscosity at 40°C | IP 71     | mm <sup>2</sup> /s | 120           |
| Operating Temperature Range          |           | °C                 | -20 to 120    |

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

## Care and Handling

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

## Packaging and Storage

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.

Spheerol AP 3

16 Mar 2012

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Marine, Technology Centre, Whitchurch Hill, Pangbourne, Reading RG8 7QR, United Kingdom

[www.castrolmarine.com](http://www.castrolmarine.com)