

Performance you can trust

## AEROSPEC® 300 (XG-271)

Long life, general purpose bearing grease for aviation & shipping.

Designed to provide long-term lubrication in arduous operating environments. Extending relubrication periods and reducing maintenance and grease usage.

### Features

- Temperature range  $-40^{\circ}\text{C}$  to  $+170^{\circ}\text{C}$
- Good performance over a wide operating temperature range
- Excellent corrosion protection
- Highly resistant to water washout
- Suitable for both anti-friction and plain bearings
- Qualified to Def Stan 91-12/1, JSD XG 271, NATO G382

### Directions for Use

- Ensure all components are clean and free from any contaminants.
- It is recommended that previous lubricants be cleaned out of the equipment prior to filling with Aerospec 300.
- Apply manually or by using an applicator suitable for NLGI No.2 greases

T +44 (0) 113 232 2600  
F +44 (0) 113 232 2740  
E [customer-service@rocol.com](mailto:customer-service@rocol.com)  
[www.rocol.com](http://www.rocol.com)

ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67

Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

ROCOL A division of **ITW** Ltd



BS EN ISO 9001  
Certificate No. FM 12448



BS EN ISO 14001  
Certificate No. EMS 67596



OHSAS 18001  
Certificate No. OHS 78173



INVESTOR IN PEOPLE

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

## AEROSPEC® 300 (XG-271)

|   |   |
|---|---|
| <b>Appearance</b>                             | Smooth brown grease   |
| <b>Base fluid type</b>                        | Semi-synthetic  |
| <b>Viscosity at 40°C (IP71)</b>               | 77cSt   |
| <b>Viscosity at 100°C (IP71)</b>              | 11cSt   |
| <b>Thickener</b>                              | Lithium complex soap  |
| <b>NLGI No. (IP 50)(ASTM D217)</b>            | NLGI No. 2  |
| <b>Temperature range</b>                      | -40°C to +170°C   |
| <b>Drop point (IP 396)</b>                    | >200°C  |
| <b>Copper corrosion (IP 112)</b>              | Pass (24 hours at 100°C)  |
| <b>Emcor rating (IP 220)</b>                  | 0 : 0   |
| <b>Water washout (IP 215)</b>                 | 1.0%  |
| <b>4-ball weld load (IP 239)(ASTM D2596)</b>  | 450kg   |
| <b>Wheel bearing leakage (ASTM D1263)</b>     | 0.4g  |
| <b>Oxidation stability (IP 142) – 100 hrs</b> | 30kPa   |
| <b>Shelf life</b>                             | 3 years   |
| <b>Storage</b>                                | Storage temperature should be controlled to between 1 and 40°C. |
| <b>Pack sizes – Part Codes</b>                | 75g – p/c 16331<br>3kg – p/c 16336                              |

T +44 (0) 113 232 2600  
F +44 (0) 113 232 2740  
E customer-service@rocol.com  
www.rocol.com

ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67

Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

ROCOL A division of *ITW* Ltd



BS EN ISO 9001  
Certificate No. FM 12448



BS EN ISO 14001  
Certificate No. EMS 67596



OHSAS 18001  
Certificate No. OHS 78173



INVESTOR IN PEOPLE

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.