



## AEROSPEC 100

**Low temperature, semi-fluid aerospace grease.  
Developed to meet the demanding requirements of today's aerospace industry. In particular the long term lubrication of rotary actuators.**

### FEATURES

- Ø Temperature range -56<sup>0</sup>C to 120<sup>0</sup>C
- Ø Outstanding low temperature performance
- Ø Wide operating temperature range
- Ø Dramatically reduces fretting
- Ø Excellent shear stability
- Ø Extremely low oil bleed
- Ø Ideal for aerospace rotary actuators
- Ø Meets the specification AMS 3057

### DIRECTIONS FOR USE

- Ø Aerospec 100 has been designed for use in accordance with the equipment manufacturers recommendations.
- Ø It is recommended that previous lubricants be cleaned out of the equipment prior to filling with Aerospec 100.

### Technical and Safety Data Sheets are available from:

**Fax Back Facility** : +44 (0)113 232 2770  
**Web Site** : [www.rocol.com](http://www.rocol.com)  
**Customer Service** : +44 (0)113 232 2700

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#### **ROCOL Lubricants**

ROCOL House, Swillington, Leeds LS26 8BS, England.

Tel: +44 (0)113 232 2600 Fax: +44 (0)113 232 2760

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

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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.



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## TECHNICAL DATA (typical values)

Appearance	Light brown semi-fluid grease
Base fluid type	Synthetic
Base fluid viscosity at -54 <sup>0</sup> C (IP267, DIN 51398)	12000 mPa/s maximum
Base fluid viscosity at 40 <sup>0</sup> C (IP71)	10 mm <sup>2</sup> /s minimum
Base fluid viscosity at 100 <sup>0</sup> C (IP71)	3.5 mm <sup>2</sup> /s minimum
Thickener	Lithium soap
Temperature range	-56 <sup>0</sup> C to 120 <sup>0</sup> C
Grease viscosity at -56 <sup>0</sup> C (ZF 0000 701 252)	1000 Pa/s maximum
Grease viscosity at 20 <sup>0</sup> C (ZF 0000 701 252)	2100 mPa/s
Shear stability (ZF 0000 701 253)	
a) 1 hour	2100 mPa/s
b) 20 hours	2100 mPa/s
Specifications	
	AMS 3057
Storage	Storage temperature should be controlled to between 1 and 40 °C.
Pack sizes	500 g, 4.5 kg, 45 kg

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TECHNICAL DATA