



## AEROSPEC 533

**Low temperature, silicone grease.**  
**Designed to be widely used in pneumatic systems found in ships and aircraft, also guided weapons and automotive applications. Compatible with most plastics and rubbers (excluding silicone rubbers).**

### FEATURES

- Ø Temperature range -73<sup>0</sup>C to150<sup>0</sup>C
- Ø Outstanding low temperature performance
- Ø Wide operating temperature range
- Ø Compatible with most rubbers and plastics
- Ø Highly resistant to water washout
- Ø Meets the requirements of Def Stan 91-56/3, JSD XG315, NATO G-394

### DIRECTIONS FOR USE

- Ø Ensure all components are clean and free from any contaminants.
- Ø It is recommended that previous lubricants be cleaned out of the equipment prior to filling with Aerospec 533.
- Ø Apply manually or by using an applicator suitable for NLGI No.2 greases
- Ø Applicators must be suitable for dispensing silicone greases

### 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

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# AEROSPEC 533

## TECHNICAL DATA (typical values)

Appearance	Smooth, light grey grease
Base fluid type	Silicone
Thickener	Lithium complex soap
NLGI No. (IP 50)(ASTM D217)	NLGI No. 2
Worked penetration (IP 50)	265 to 295
Temperature range	-73 <sup>0</sup> C to 150 <sup>0</sup> C
Oil separation (IP 121)	1.9% (168 hours @ 40 <sup>0</sup> C)
Copper corrosion (IP 112)	No corrosion (24 hours @ 100 <sup>0</sup> C)
Oxidation stability (IP 142)	7 Kpa drop (100 hours @ 100 <sup>0</sup> C)
Evaporation loss (IP 142)	4.5% (22 hours @ 150 <sup>0</sup> C)
Low temperature torque (IP 186)	
-73 <sup>0</sup> C Starting torque	62.5 mNm
1 hour @ -73 <sup>0</sup> C Running torque	25.7 mNm
Specifications	
Def Stan	91-56/3
Joint Services Designation	XG315
NATO	G-394
Shelf life	3 years
Storage	Storage temperature should be controlled to between 1 and 40 °C.
Pack sizes	100 g, 1 kg

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