

AEROSPEC® 3052 Spray Grease

Multi-purpose, extreme low temperature aerospace grease in an aerosol

Product Overview

ROCOL® AEROSPEC 3052 Spray Grease is an extremely low temperature aerosol applied aerospace grease. Designed to give outstanding operational performance on a wide range of airframe components, including bearings, rotary actuators, gearboxes, bushes and sliding surfaces, even where high loads are encountered.

AEROSPEC 3052 Spray Grease demonstrates excellent low temperature performance with extremely low starting and running torque figures.

AEROSPEC 3052 Spray Grease provides excellent performance in the presence of water.

Features and Benefits

- Excellent performance in extreme temperatures ranging from -73°C to +120°C.
- Lithium complex soap thickened lubricant with a blend of low viscosity synthetic base fluids for excellent low temperature performance.
- Exceptional stability in the most extreme conditions.
- Highly resistant to water washout.

Directions for Storage and Use

- Ensure all components are clean and free from any contaminants before lubricating with AEROSPEC 3052 Spray Grease.
- Shake the can well before use.
- Hold can upright and apply from a distance of 15-30 cm (6-12 inches).
- Only use in well ventilated areas.
- Check compatibility with painted or coated surfaces, plastics and rubbers if the product is liable to contact these materials.
- The storage temperature should be controlled to between +1 and +40°C.
- Shelf life is 5 years from date of manufacture.

Specifications

AEROSPEC 3052 Spray Grease is approved to:

- Boeing BMS 3-33B

Applied film;

- SAE AMS 3052
- JSD XG 287
- NATO G-354
- DEF-STAN 91-53/3
- Airbus AIM 09-06-002 general airframe lubricant
- Airbus CML No. 03GBC1
- AIMS 09-06-002

Pack Sizes

Pack Size	Part Code
400ml	16655

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Property	Test Method	Result
Appearance	N/A	Smooth green grease
Base Fluid Type	N/A	Blend of synthetic oils
Viscosity at 40°C	IP 71	8.6cSt
Viscosity at 100°C	IP 71	2.5cSt
Thickener	N/A	Lithium complex soap
NLGI No.	IP 50, ASTM D217	1 - 2
Propellant	N/A	Hydrocarbon
Temperature Range	N/A	-73°C to +120°C
Drop Point	IP 396	>200°C
Copper Corrosion	IP 112 – ASTM D130	Pass (24 hours at 100°C)
Water Washout	IP 215	7.5%
Emcor Rating	IP 220	0 : 0
Mean Hertz Load	IP 239	84kg
Oxidation Stability:		
Pressure Drop after 100 hrs	IP 142	4psi
Pressure Drop after 500 hrs	IP 142	11psi
Low Temp Torque Test:		
Starting Torque at -73°C	IP 186	190mNm
Running Torque at -73°C	IP 186	130mNm
MoD Pope Rig Test 900 hrs at 120°C	ASTM D3336	Pass

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

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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