



Certificate of Analysis

Material **AeroShell Grease 22** Date Manufactured: 19 November 2025
Batch Number **25509** Month Packaged: November 2025
Material Descriptions **30*0.38kg-** 550067096
4*3kg- 550043633 and 550043675
1*17kg- 550043616 and 550043676
1*170kg- 550043858 and 550043620

Test Description	Result	Unit	Method
Workmanship/Appearance	Smooth	-	Visual
CU Corrosion 24h/100°C	1B	-	ASTM D4048
CU Corrosion 24h/100°C	1B	-	FED-STD-791 5309
Dirt Count 25-74 µm	100	Part/cc	FED-STD-791 3005
Dirt Count 75+ µm	0	Part/cc	FED-STD-791 3005
Dropping Point	>300	Deg C	ASTM D2265
Evaporation Loss 22h 177°C	8.35	% (m)	ASTM D2595
Four Ball Wear Test Scar Diameter	0.68	mm	ASTM D2266
Light Buf Colour	Light Buff Equal to Standard	-	Visual
Low Temp Torque -29°C - Run	0.02	Nm	ASTM D1478
Low Temp Torque -29°C - Start	0.1	Nm	ASTM D1478
Low Temp Torque -54°C - Run	0.05	Nm	ASTM D1478
Low Temp Torque -54°C - Start	0.29	Nm	ASTM D1478
Load Wear Index	33.76	kgf	ASTM D2596
Odour Aeroshell Grease	Correspond to Reference	-	None
Oxidation Stability 100h 99°C	6.89	kPa	ASTM D942
Oil Separation 30h 177°C	5.8	%(m)	ASTM D6184
Penetration Worked 25°C	283	dmm	ASTM D217
Pen Worked 100000 25°C	292	dmm	ASTM D217
Pen Worked 100000 25°C	287	dmm	FED-STD-791 313
Rust Prevention	PASS		ASTM D1743
Water Washout 1h 38°C	0.5	% (m)	ASTM D1264

Date 04-Dec-25
Certified by
For any queries, please contact Shell Customer Service Center in Your region.

Approved MIL-PRF-81322G
Approved MIL-PRF-24508B

Supplier Information:
Shell Aviation Limited, Shell Centre
York Road, SE1 7NJ London, United Kingdom

Manufacturing Plant:
Calgary L&G
Cage Code: L0QI4
2900 Alyth Road SE; Calgary, Canada, T2G 3W4

I HEREBY CERTIFY THAT THE MATERIAL COVERED BY THIS CERTIFICATE HAS BEEN
INSPECTED AND TESTED AND CONFORMS TO ALL SPECIFICATIONS RELEVANT THERETO.
ASG 22 is APPROVED TO DOD-G-24508A AMENDMENT 4.
THIS DOCUMENT HAS BEEN PRODUCED ELECTRONICALLY AND IS VALID WITHOUT SGNATURE.

SHELL LIFE OF AEROSHELL GREASE IS 6 YEARS FROM DATE OF MANUFACTURE. THE VALIDITY OF SHELF LIFE IS
BASED ON THE CONTAINER REMAINING UNOPENED, UNDAMAGED AND STORED UNDER SHELTER AT CONSTANT
AMBIENT TEMPERATURE CONDITION.