



AEROSHELL GREASE 22

VERSATILE MULTI-PURPOSE GREASE

DESCRIPTION

AeroShell Grease 22 is an advanced multi-purpose Microgel thickened aviation grease containing a high viscosity index synthetic base oil with a performance additive pack. These additives include anti-wear, load carrying properties, corrosion and oxidation inhibitors.

AeroShell Grease 22 is recommended for most aviation anti-friction bearing applications. It is particularly recommended for use wherever severe operating conditions are encountered as in high bearing loads, high speed, wide operating temperature range and where long grease retention and resistance to water washout are required.

PERFORMANCE FEATURES

- Corrosion inhibited and fortified against oxidation, AeroShell Grease 22 offers excellent anti-wear properties, load carrying and water resistance in addition to a wide useful operating temperature range of -65° to 204°C.
- AeroShell Grease 22 can be used with confidence in aircraft wheel bearings, engine accessories / airframe lubrication and general anti friction bearings operating at high speeds and varying temperatures. Other applications include control systems, actuator screw jacks, servo mechanisms and electric motors, helicopter rotor bearings, instruments, hinge pins, airframe lubrication, static joints and landing gears.
- AeroShell Grease 22 is completely compatible with AeroShell Grease 5, 7, and 16. This enables replacement of these grades with AeroShell Grease 22 without performance problem

SUMMARY OF BENEFITS

- **Excellent** wide range of operating temperatures (-65°C to 204°C).
- **High Viscosity Index Synthetic Base Fluids** maintain viscosity and protect components.
- **Approved** to MIL-G-81322E, DOD-G-24508A & DEF STAN 91-52 specifications
- **Good** load carrying ability and anti-wear properties
- **Good** corrosion and oxidation resistance.

HEALTH & SAFETY

AeroShell Grease 22 is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained. For further guidance on Product Health & Safety refer to the appropriate Shell Material Safety Data Sheet.



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SPECIFICATIONS/APPROVALS

US	MIL-G-81322E Grade A
US	DOD-G-24508A
British	DEF STAN 91-52
French	[AIR 4222]
NATO	G-395
Joint Service Designation	XG-293

[] Indicates that the product is equivalent to specification

TYPICAL CHARACTERISTICS

DESCRIPTION	UNITS	METHODS	TYPICAL
APPEARANCE	VISUAL	-	Amber - Light Brown
THICKENER	-	-	Microgel
OIL TYPE	-	-	Synthetic Hydrocarbon
NLGI GRADE	-	-	1 - 2
WORKED PENETRATION	dmm	-	275
BASE OIL VISCOSITY AT 100°C	mm ² /s	-	5.7
DROP POINT	°C	-	> 260

ADVICE

Advice on applications not covered in this leaflet may be obtained from your Shell Representative. Shell Technical Advice Centre: Free Call 1800 805 000.

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