



AEROSHELL GREASE 22

- Severe operating conditions
- Long component life
- Versatile



Shell Aviation

We understand your desire to reduce the total cost of aircraft ownership by protecting components from corrosion and wear, simplifying lubricant inventories and extending lubrication intervals. Whether you look after the latest airliners or a light sports aircraft, there are AeroShell greases designed to help protect your investment.

BENEFITS AT A GLANCE

- **Longer life for components** working in severe conditions through its wide operating temperature range and excellent load-carrying capacity as well as wear and corrosion protection
- **Longer grease life** from excellent water-washout resistance
- **Reduced costs** through excellent component protection and longer grease life
- **Versatile applications**, including wheel bearings, engine accessories, control systems, actuators, screw jacks, servomechanisms, electric motors, helicopter rotor bearings, instruments, airframe lubrication, hinge pins, static joints and landing gear

VERSATILE, MULTIPURPOSE GREASE FOR SEVERE OPERATING CONDITIONS

AeroShell Grease 22 is a versatile, multipurpose grease designed to extend the lives of bearings operating under high loads and speeds, and wide temperature ranges. It uses a Microgel® thickener and high-viscosity-index synthetic base oils to protect components in severe operating conditions. Its excellent load-carrying capacity and resistance to wear, corrosion, oxidation and water washout make it a good choice for wheel bearings and other critical components.

EXTENDED COMPONENT LIFE

During a long flight, aircraft wheel bearings can become extremely cold. They are motionless until the instant the aircraft's wheels touch the tarmac, when they rapidly accelerate to high speeds and become very hot, and are often subjected to rain and runway de-icing fluids. The bearings may then sit in this hot, wet, corrosive environment overnight before a similar experience on the next flight.

AeroShell Grease 22 is designed to protect aircraft wheel bearings operating in these extreme conditions. It can help to extend component life and reduce maintenance costs through its excellent load-carrying capacity and resistance to wear, corrosion, oxidation and water washout.



MICROGEL THICKENER

AeroShell Grease 22 uses Microgel, an inorganic grease thickening agent based on hectorite clay. When compared with conventional clay thickener, Microgel has

- **no melting point** within any usual temperature range to which aircraft greases are likely to be subjected
- **very little change in consistency** with temperature
- **extremely good load-carrying capacity** without needing extreme-pressure additives
- **excellent water resistance** through exclusive waterproofing agents developed by Shell
- **low oil separation** or bleeding thanks to its high gelling efficiency.

VERSATILE APPLICATIONS

AeroShell Grease 22 is recommended for use wherever severe operating conditions such as high bearing loads, high speeds or wide operating temperature ranges are encountered, and where long grease retention and high resistance to water washout are required. It is suitable for a wide range of applications, including aircraft wheel bearings, engine accessories, control systems, actuators, screw jacks, servomechanisms, electric motors, helicopter rotor bearings, instruments, airframe lubrication, hinge pins, static joints and landing gear.



AEROSHELL GREASE 22 IS RECOMMENDED FOR USE WHEREVER SEVERE OPERATING CONDITIONS SUCH AS HIGH BEARING LOADS, HIGH SPEEDS OR WIDE OPERATING TEMPERATURE RANGES ARE ENCOUNTERED.

A COMPREHENSIVE RANGE

Whatever you fly, we can provide a full range of AeroShell oils, greases and fluids for your aircraft, including

- **AeroShell Turbine Oil 560** for proven performance
- **AeroShell Fluid 41** "super-clean", mineral hydraulic oil.



TRUSTED IN THE INDUSTRY

AeroShell Grease 22 is a first-fill product for several major equipment manufacturers. It has been used by leading maintenance, repair and overhaul organisations and airlines since it was first approved over 40 years ago.

SPECIFICATIONS AND APPROVALS

AeroShell Grease 22 is fully approved to

- MIL-PRF-81322G
- DOD-G-24508A.



CONTACT US

For further information, please contact your AeroShell representative:

www.aeroshell.com