

### Shell AEROSHELL Greases

All seven AEROSHELL Greases withstand the effects of water and provide excellent lubricity. All but AEROSHELL Grease 14 are formulated with MICROGEL® thickener, a high-temperature non-melting inorganic gelling agent.

#### Applications of AEROSHELL Greases

**AEROSHELL Grease 5:** For wheel bearings and engine accessories operating at high speeds and relatively high temperatures.

**AEROSHELL Grease 6:** General-purpose air-frame grease for use in plain and antifriction bearings and gearboxes.

**AEROSHELL Grease 7:** Wide-temperature-range, synthetic oil multipurpose grease for highly loaded gears and actuator screw mechanisms. Also for instruments and general air-frame lubrication for turbine-powered aircraft.

**AEROSHELL Grease 14:** Leading helicopter multipurpose grease, calcium soap-thickened. Protects against fretting and moisture corrosion.

**AEROSHELL Grease 16:** Wide-temperature-range grease recommended for antifriction bearings operating under load at high speeds and high or low temperatures.

**AEROSHELL Grease 17:** Extreme pressure version of AEROSHELL Grease 7. Contains 5 percent molybdenum disulfide for use where protection against seizure and corrosion is required.

**AEROSHELL Grease 22:** Versatile synthetic hydrocarbon oil multipurpose grease. Excellent load-carrying capacity. Useful temperature range of -85° F to 400° F.

### Typical properties of Shell AEROSHELL Greases:

	AEROSHELL Grease		ASTM Test Method
	5	6	
Thickener	MICROGEL	MICROGEL	
Oil Type	Mineral	Mineral	
Oil Viscosity, cSt at 210°F	32.8	5.5	D 445
Useful Temperature Range, °F	- 40 to + 350	- 40 to + 250	
Dropping Point, °F	500 +	500 +	D 2265
Penetration at 77°F Unworked Worked	281 284	287 310	D 217
Evaporation in 22 hours: Test Temp., °F Loss, %wt.	300 1.0	250 1.3	D 972
Corrosion: Copper Strip, 24 hrs. at 212 °F Bearing Protection, 14 days	Pass Pass	Pass Pass	F5309' D 1743
Bomb Oxid. Press. Drop at 210 °F, psi: 100 hours 500 hours	6 15	9 15	D 942
Water Resistance Test Loss, %wt.	0.5	2.0	D1264
Antifriction Bearing Performance: Temperature, °F Time, hours	300 600 +	250 2000 +	F331'
Mean Hertz Load, kg	37	33	D2596
Oil Separation, 30 hrs. at 212°F, %wt.	0.8	0.7	F321'
Color	Dark	Dark	
Qualified under Specifications	Former MIL-G 3545C	MIL-G 24139	