LUBRICANTS IN FLIGHT: ENGINE

Aircraft engines operating at high altitudes must withstand a wide range of temperatures. Components must be compatible with aviation fuels and resist corrosive fuel system vapors. Unique fluorinated synthetic lubricants that are inherently inert are ideal for this kind of operating environment. In addition to staying fluid at very low temperatures of -90°C, their superior thermo-oxidative stability prevents high-temperature oxidation and varnishing even at continuous temperatures of 250°C, while also resisting aggressive chemicals and fuels.

STRUCTURAL CONNECTIONS (PINS, BOLTS & BUSHINGS)

- Thread, Spline & Coupling - Rheolube® 733MZ
- Trunnion Pin & Pivots - Rheolube® 374A

ACCESSORY DRIVE COMPONENTS

- Engine Driven Generators & Compressors (High-Speed Bearings) - Rheoplex 6000HT
- Fuel Pumps - UniFlor™ 8921
- Starter (Gearbox) - Rheolube® 377AL

O-RINGS & SEALS

- Fuel Valve O-Ring & Seals - UniFlor™ 8921
- Hydraulic O-Ring & Seals - UniFlor™ 8512S
- Shaft Seals - UniFlor™ 8961MT

ELECTRICAL & SENSOR SYSTEMS

- Sensors, Connectors & Wiring Harnesses - UniFlor™ 8917

ACTUATOR BEARINGS & MECHANISMS

- Exhaust & Thrust Mechanisms - UniFlor™ 8961MT & UniFlor™ 8991MT
- Fuel Control - UniFlor™ 8921, UniFlor™ 8951, UniFlor™ 8980, UniFlor™ 8981 & Rheoplex 6000HT
- Start Control & Compressor Valves - UniFlor™ 8961MT & UniFlor™ 8991MT

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