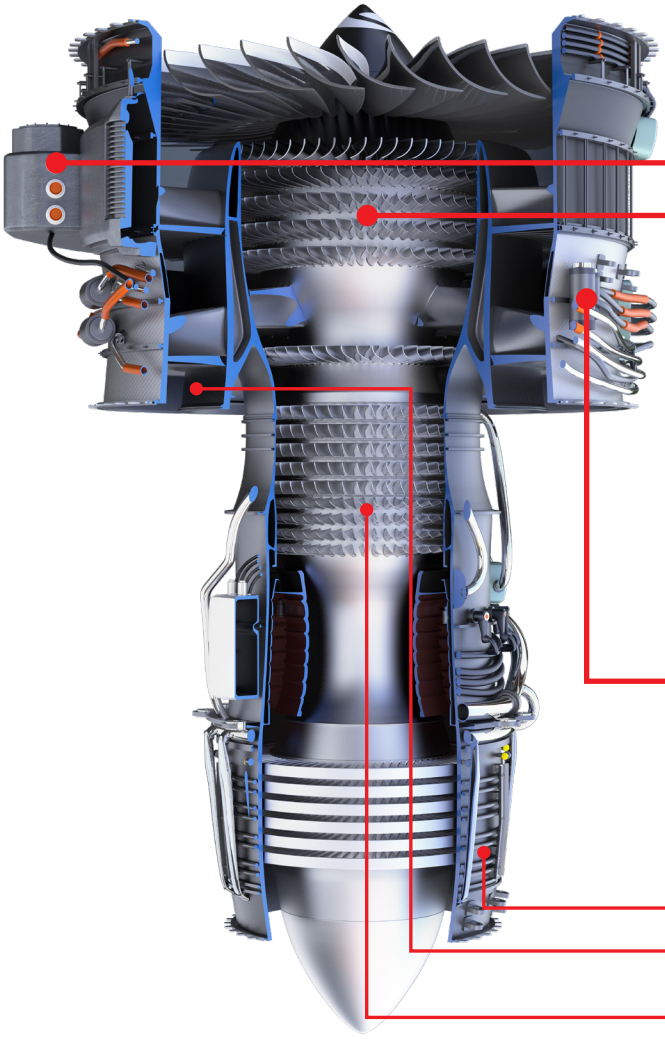
Aircraft Engines

Lubricants designed specifically for aircraft engines to improve the functionality, reliability and longevity of components from take-off to landing.



STRUCTURAL CONNECTIONS (PINS, BOLTS & BUSHINGS)

Thread, Spline & Coupling - Rheolube® 733MZ

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

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.