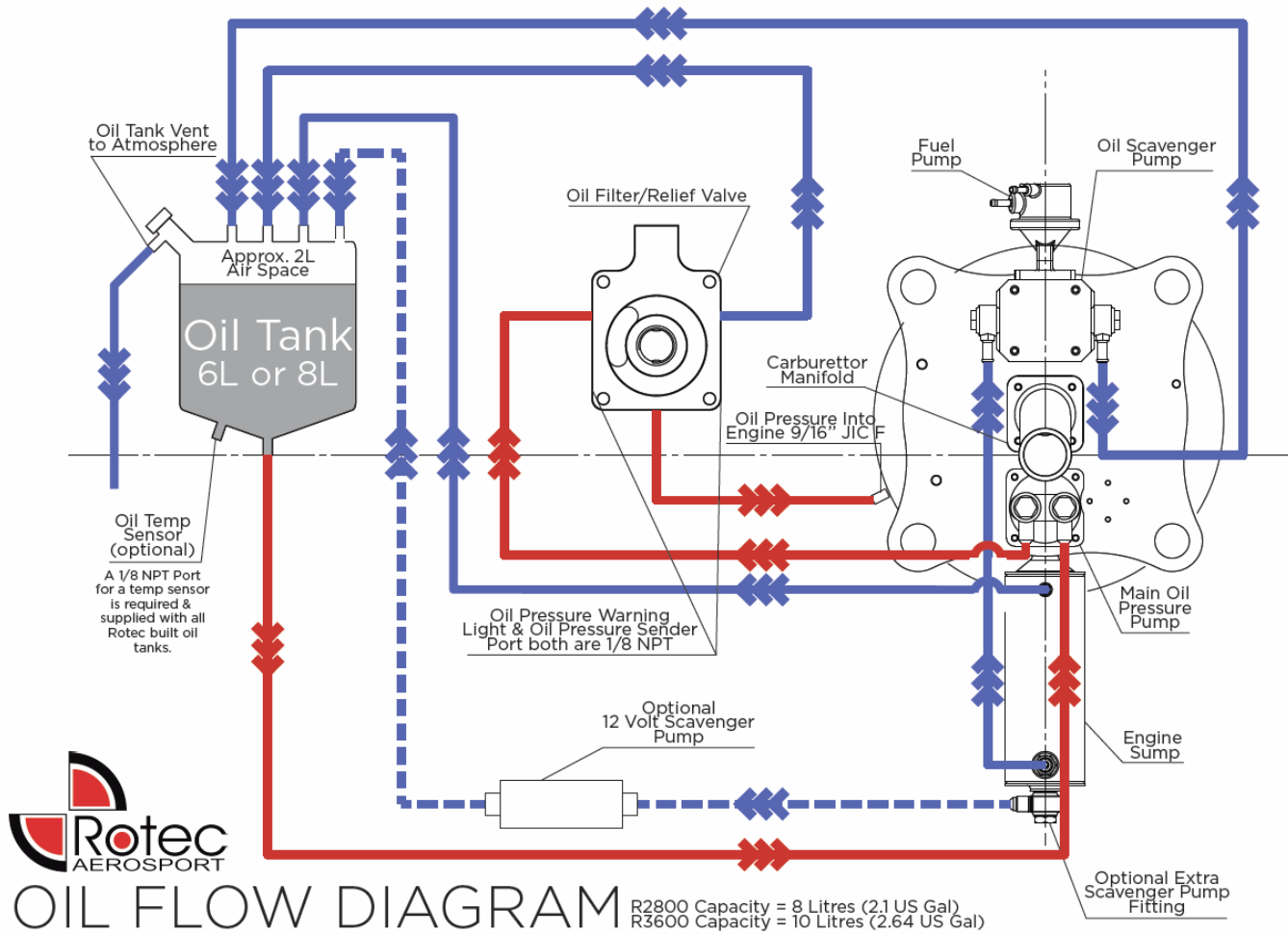


Engine Oil

Recommendations:

- **Cooling:** Not required
- **Grade:** 15W-50
- **Brands:** Oils that contain additives required by the Rotec PSRU, include but are not limited to:
 - AeroShell Multigrade W 15 W 50
 - AeroShell Oil Sport Plus 4 (alternative option, used by Rotax 912 engines)
- **Engine Connections:** Rotec Radial Oil Circuit Schematic



• Engine Oil:

- Inlet – AN6 fitting bottom RHS, viewed from the front of the engine.
- Outlet – AN6 fitting on the bottom of the mini sump.

• Oil pump (Mechanical):

- Location – 6 o'clock position, viewed from the rear of the engine.
- Inlet – LHS AN6 fitting
- Outlet – RHS AN6 fitting

• Scavenger Pump (Mechanical):

- Location – 12 o'clock position, viewed from the rear of the engine, embedded in the distributor assembly.
- Inlet – RHS AN6 fitting

- Outlet – LHS AN6 fitting
- **Auxiliary Scavenger Pump (Electrical):**
 - Optional Upgrade: Recommended to remove excess oil quickly after shutdown or prolonged standing.
 - Location – Airframe mounted
- **Oil Filter Block:**
 - Location – Airframe mounted
 - Sensors (Both 1/8" NPT):
 - Oil Pressure Warning Light
 - Oil Pressure Sender – Pressure: 300 to 350 kPa (43 to 50 psi) at cruise (3200 engine RPM)