



# Raysun Aerocapella 560

## Aviation Turbine Oil

Raysun Aerocapella 560 is a unique custom blend of high performance synthetic hindered ester oil with excellent thermal stability, low temperature fluidity specifications and has proper ashless additives to protect of wearing and improving oxidation stability. Raysun Aerocapella 560 is recommended for lubrication of Aviation and gas turbine engines. It is also recommended for aircraft-type gas turbine engines used in industrial or marine applications. The outstanding high-temperature performance of this fluid with very low pour point is ideal for the wide temperature ranges encountered between cold outside air and hot turbine systems. Raysun Aerocapella 560 .meet the specifications of MIL-PRF-23699G Grade HTS, NATO Code Number 0-154 and Defence Standard 91-101

### Advantages

- Excellent oxidative and thermal stability to keep viscosity and acid number within limits eliminating the need for oil drains
- Provide excellent load carrying to sustain bearing and gear required operating lives
- .Excellent resistance to foaming, wear and corrosion
- Excellent lubricity, Anti-wear & Extreme Pressure properties and good biodegradability
- Operate in low and high temperature environments
- Produce minimal deposits that will cause increase engine life, decrease maintenance and operational costs
- Reduces evaporation losses and lowers oil consumption
- Provide effective lubrication at high operating temperatures

### Specification

- Defence Standard 91-101
- MIL-PRF-23699G Grade HTS
- NATO Code Number 0-154

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Test Values	ASTM Method	Specification
25	D 445	Viscosity @40 °C, cSt.
4.9	D 445	Viscosity @ 100 <sup>1</sup> , cSt
7760	D 445	Viscosity @ -40 °C, cSt
260	D 92	Flash Point, °C
-63	D 97	Pour Point, °C
1.5	D 972	Evaporation loss, % by weight, 6.5 hours @ 204 °C
0.05	D 664	Total Acid Number, mg KOH/g

Note: "All of the results are typical and the results of each batch are presented in the COA sheet."