



Raysun Vega AV4

Aviation Hydraulic Fluid

Raysun Vega AV4 is a high performance red-dyed mineral hydraulic fluid especially developed for use in severe service conditions. This oil is formulated with mineral base oil and modern additives in order to provide resistance to wear, protection against rust and corrosion. Raysun Vega AV4 provides the requirements lubrication as a hydraulic fluid in all modern aircraft applications in the -54°C to $+135^{\circ}\text{C}$ temperature range and meets the performance requirements of MILPRF- 5606H specifications.

Advantages

- High viscosity index (VI) promotes wide operating temperature range
- Dependable anti-wear performance helps reduce maintenance and downtime
- Superior low temperature fluidity and resistance to foaming

Applications

- Aircraft systems operating unpressurised between -54°C to 90°C and pressurized between 54°C to $+135^{\circ}\text{C}$
- Recommended for use in systems where a very clean oil is required such as in autopilots and robotics. It can be used under a wide range of weather conditions

Specification

- MIL-PRF- 5606H

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Test Values	Test Method	Specification
0.857	D 1298	Density @ 15°C, Kg/l
16.6	D 445	Viscosity @ 40 °C, cSt
5.1	D 445	Viscosity @ 100 °C, cSt
275	D 2270	Viscosity Index
126	D 92	Flash Point, °C
-60	D 97	Pour Point, °C
1a	D 130	Copper Corrosion
0.03	D 664	Acid Number, mg KOH/g

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