



AERO AVX 1000 4T 10W-40

Synthetic technology oil for
4-stroke engines on light and ultralight aircraft

USES

Specifically developed to meet the latest requirements of major light and ultralight aircraft manufacturers.

Recommended for 4-stroke naturally aspirated or turbo engines (equipped with carburetors or fuel injection), including those which operate under severe service conditions.

Exclusive formula designed for engines with integrated gearboxes and overload clutches.

SPECIFICATIONS

▶ Tested and recommended by AVIREX (ROTAX importer in France) for 912i, 912 and 914 series engines.

API SL; JASO MA (performance level).

▶ Do not use in aircraft piston engines which require ashless oil (Continental, Lycoming, Rolls-Royce, Jabiru, etc.).

MAIN PHYSICAL DATA

		Methods	Units	10W40
Density at	20°C	ASTM D4052	kg/m ³	866
Kinematic viscosity at	40°C	ASTM D445	mm ² /s	96
Kinematic viscosity at	100°C	ASTM D445	mm ² /s	14.8
Viscosity index		ASTM D2270		158
Pour point		ASTM D97	°C	-42
Cleveland Open Cup Flash Point		ASTM D92	°C	220
Dynamic viscosity at	-25°C	ASTM D5293	mPa·s	6800
HTHS viscosity (150°C)		CEC L-036-90	mPa·s	4
Sulphated ash		ASTM D874	% mass	1.3
Total Base Number (TBN)		ASTM D2896	mgKOH/g	10.5

The data given in this table represents typical production values and should not be taken as specifications.

PROPERTIES & ADVANTAGES

▶ Excellent oil stability at high temperatures and enhanced dispersive properties to prevent sludge deposits and varnish build-ups. This means clean engines.

▶ Suitable and recommended for engines which run on unleaded or leaded road fuel and avgas 100LL.

▶ Quick oil flow in cold temperatures for easy start-up and increased engine protection.

▶ Enhanced anti-wear and anti-corrosion properties.



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