



# AERO AVX 500 4T 10W-40

Synthetic technology oil for 4-stroke ultralight aircraft engines

## USES

AERO AVX 500 4T has been specifically developed for lubricating 4-stroke naturally aspirated or turbocharged engines with or without hydraulic lifters, including those operating under severe service conditions (training, banner towing, etc.).

Exclusive formula for use with integrated reduction gearboxes and overload clutches.

## Specifications:

API SL

Rotax Service Instruction

SI-912-016 R4/ SI-914-019 R4

► This product has been specifically designed for ultralight aircraft. It must not be used in traditional aircraft engines such as Lycoming, Rolls-Royce, etc.

## MAIN PHYSICAL DATA

		Methods	Units	10W40
Density at	20°C	ASTM D4052	kg/m <sup>3</sup>	866
Kinematic viscosity at	40°C	ASTM D445	mm <sup>2</sup> /s	94
Kinematic viscosity at	100°C	ASTM D445	mm <sup>2</sup> /s	14.5
Viscosity index		ASTM D2270		160
Pour point		ASTM D97	°C	-30
Cleveland Open Cup Flash Point		ASTM D92	°C	>200
Dynamic viscosity at	-25°C	ASTM D5293	mPa·s	6000
HTHS viscosity		CEC L-036-90	mPa·s	3.8
Sulphated ash		ASTM D874	% mass	1.15
Total Base Number (TBN)		ASTM D2896	mgKOH/g	10

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.
- Enhanced dispersant properties to prevent the build-up of deposits.
- Suitable and recommended by Rotax for engines running on leaded or unleaded fuel.



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