

DONALD T REES
Attn: DONALD T REES
376 MISTLAND TRAIL

Aircraft: 7GCAA
S/N: 4612002
Tail No.: N67BF

Date: 8/29/2024
Engine S/N: L1962839A
Engine Model: LYC. 320

RUCKERSVILLE VA 22968
United States

Values in (parenthesis) below your results are average values from all our analysis data for the same engine model with similar engine hours and oil hours. See www.avlab.com/explain for detailed explanation of the statistical analysis used with your laboratory results.

CURRENT SAMPLE		SAMPLE APPEARS NORMAL. Send next sample at normal interval.										Normal		Elevated		High	
Sample Date: 8/26/2024 Analysis Date: 8/27/2024 Sample Number: P111 Cylinder Type: unknown TSN/TSO: 898.5 Oil Hours: 50 Filter Hours: 50 Oil Added: 1.5 Filter Wt. (mgs): Flashpoint(deg. F): H2O (ppm): Total Acid No.:		*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***															
		Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.				
		19.4	8.8	1.3	1.8	N/A	N/A	3.2	1844	< 0.1	N/A	< 0.1	N/A				
		(N/A)	(N/A)	(N/A)	(N/A)			(N/A)	(N/A)	(N/A)		(N/A)					
		*** FILTER ANALYSIS RESULTS ***															
		Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.					
		Amount:															
		Type:															
		Form:															

Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.

PREVIOUS SAMPLE 1		SAMPLE APPEARS NORMAL. Send next sample at normal interval.										Normal		Elevated		High	
Sample Date: 9/21/2022 Analysis Date: 10/17/2022 Sample Number: P31 Cylinder Type: unknown TSN/TSO: 799.3 Oil Hours: unknown Filter Hours: 49.3 Oil Added: 1.5 Filter Wt. (mgs): Flashpoint(deg. F): H2O (ppm): Total Acid No.:		*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***															
		Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.				
		29.0	3.1	0.8	2.0	N/A	N/A	2.4	2620	1.4	N/A	< 0.1	N/A				
		(N/A)	(N/A)	(N/A)	(N/A)			(N/A)	(N/A)	(N/A)		(N/A)					
		*** FILTER ANALYSIS RESULTS ***															
		Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.					
		Amount:															
		Type:															
		Form:															

Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.

PREVIOUS SAMPLE 2		SAMPLE APPEARS NORMAL. Send next sample at normal interval.										Normal		Elevated		High	
Sample Date: 1/12/2022 Analysis Date: 1/13/2022 Sample Number: P19 Cylinder Type: unknown TSN/TSO: 746 Oil Hours: 47 Filter Hours: 47 Oil Added: 1.50 Filter Wt. (mgs): Flashpoint(deg. F): H2O (ppm): Total Acid No.:		*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***															
		Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.				
		22.9	1.6	1.7	3.3	N/A	N/A	3.1	2723	1.7	N/A	< 0.1	N/A				
		(N/A)	(N/A)	(N/A)	(N/A)			(N/A)	(N/A)	(N/A)		(N/A)					
		*** FILTER ANALYSIS RESULTS ***															
		Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.					
		Amount:															
		Type:															
		Form:															

Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.