

NAPA JET CENTER/LYNX FBO NETWORK
Attn: SCOTT SHREFFLER
2100 AIRPORT RD

Aircraft: CESSNA
S/N: 41620
Tail No.: N799E

Date: 9/5/2023
Engine S/N: 1042363
Engine Model: CONT. T550

NAPA CA 94558
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.										Elevated		High	
Sample Date: 8/27/2023 Analysis Date: 8/31/2023 Sample Number: P05 Cylinder Type: steel TSN/TSO: 94.9 Oil Hours: 24.4 Filter Hours: 24.4 Oil Added: 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.		
		56.2 (59.2)	19.1 (16.8)	3.4 (14.0)	15.4 (19.6)	N/A	N/A	7.9 (6.6)	3525 (4593)	18.2 (9.0)	N/A	0.5 (0.6)	N/A		
		*** FILTER ANALYSIS RESULTS ***													
		Stainless		Carbon	Alloy	Bearing	Copper	Silver	Magn.	Alum.	Grit	Misc.			
		Material: Steel		Steel	Steel	Alloy									
		Amount:													
		Type:													
		Form:													
Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.															
PREVIOUS SAMPLE 1		WE WILL MONITOR WEAR METAL TREND.										Elevated		High	
Sample Date: 3/1/2023 Analysis Date: 4/21/2023 Sample Number: P257 Cylinder Type: steel TSN/TSO: 70.5 Oil Hours: 18.7 Filter Hours: 18.7 Oil Added: 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.		
		60.9 (54.1)	24.1 (27.7)	3.5 (7.7)	16.3 (20.1)	N/A	N/A	10.8 (5.8)	2927 (3543)	11.0 (12.8)	N/A	< 0.1 (0.6)	N/A		
		*** FILTER ANALYSIS RESULTS ***													
		Stainless		Carbon	Alloy	Bearing	Copper	Silver	Magn.	Alum.	Grit	Misc.			
		Material: Steel		Steel	Steel	Alloy									
		Amount:													
		Type:													
		Form:													
Comments: HIGH VALUES AND INCREASES ARE NOT UNCOMMON DURING THE ENGINE BREAK-IN CYCLE. WE WILL MONITOR YOUR NEXT SAMPLE TO ESTABLISH A BASELINE FOR WEAR METAL TREND FOR THIS ENGINE. PLEASE CONTACT THE ENGINE MANUFACTURER'S SERVICE REP IF FURTHER ASSISTANCE IS NEEDED.															