

hours. See www.avlab.com/explain for detailed explanation of the statistical analysis used with your laboratory results.

910 MARIA STREET KENNER, LOUISIANA 70062 (504) 469-6751

Elevated High

HEINEN AVIATION/HETRICK AVIATION

Attn: GRANT SANDMANN

1226 104TH RD

Aircraft:

Date: 4/29/2025

Normal

S/N: 02071 Tall No.: N171CS

Engine S/N: 1011018 Engine Model: CONT. T550

SENECA KS 66538

United States

CURRENT SAMPLE

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

SAMPLE APPEARS NORMAL. Send next sample at normal interval.

Sample Date: 4/21/2025	*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***												
Analysis Date: 4/25/2025	Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.	
Sample Number: P32	102.5	4.7	19.1	9.1	N/A	N/A	7.5	3119	4.2	N/A	< 0.1	N/A	
Cylinder Type: unknown	(N/A)	(N/A)	(N/A)	(N/A)			(N/A)	(N/A)	(N/A)		(N/A)		
		*** FILTER ANALYSIS RESULTS ***											
TSN/TSO: 685			Stainless	Carbon	Alloy	Bearing	0	Silver		Klassa	0-:4		
Oil Hours: 33.3		Material:	Steel	Steel	Steel	Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.	
Filter Hours: 33.3		Amount:											
Oil Added:		Туре:											
Filter Wt. (mgs):													
Flashpoint(deg. F):													
H20 (ppm):		Form:											
Total Acid No.:													
Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.													
PREVIOUS SAMPLE 1	12 AV 12 AV		us sweetho	en Village Care		York China Seeks				~	avalunda da		
Sample Date: 10/13/2017	SAMPLE APPEARS NORMAL. Send next sample at normal interval. *** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***												
Analysis Date: 10/19/2017		1					to be a second of the second second	The Desire States			-		
Sample Number: P89	Iron	Copper	Nickel	Chromium	44.0	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.	
Cylinder Type: unknown	60.0	7.0	9.9	8.3	N/A	N/A	6.0	6144	2.2	N/A	< 0.1	N/A	
Cymider Type: unknown	(N/A)	(N/A)	(N/A)	(N/A)			(N/A)	(N/A)	(N/A)		(N/A)		
70117700 4000	*** FILTER ANALYSIS RESULTS ***												
TSN/TSO: 426.6 Oil Hours: 128		Material:	Stainless		Alloy	•	Copper	Silver	Magn.	Alum.	Grit	Misc.	
		Materiai.	Steel	Steel	Steel	Alloy	25 052						
Filter Hours: 128		Amount:	Steel	Steel	Steel	Alloy	10- 040						
Oil Added: ⁹			Steel	Steel	Steel	Alloy							
Oil Added: ⁹ Filter Wt. (mgs):		Amount:	Steel	Steel	Steel	Alloy							
Oil Added: ⁹ Filter Wt. (mgs): Flashpoint(deg. F):		Amount:	Steel	Steel	Steel	Alloy							
Oil Added: ⁹ Filter Wt. (mgs): Flashpoint(deg. F): H20 (ppm):		Amount: Type:	Steel	Steel	Steel	Alloy							
Oil Added: ⁹ Filter Wt. (mgs): Flashpoint(deg. F):		Amount: Type: Form:											