JANE PILOT
Attn: JANE PILOT
123 MAIN ST

SPRINGFIELD ST 00000
United States

Aircraft: CESSNA
S/N: 10000000
Tail No.: N12345

Date: 9/4/2026
Engine S/N: 900001
Engine Model: CONT. 200

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: 8/20/2026
Analysis Date: 9/3/2026
Sample Number: P26
Cylinder Type: steel

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
44.0 (40.5)	8.1 (21.1)	2.5 (2.4)	3.9 (5.3)	N/A	N/A	6.7 (13.4)	26.0 (26.54)	25.3 (13.7)	N/A	1.6 (3.2)	N/A

*** FILTER ANALYSIS RESULTS ***

TSN/TSO: 94.7
Oil Hours: 43.7
Filter Hours: 43.7
Oil Added: 1
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

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: 7/21/2025
Analysis Date: 7/30/2025
Sample Number: P47
Cylinder Type: steel

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
36.8 (38.6)	4.6 (11.1)	0.9 (1.3)	3.8 (4.2)	N/A	N/A	3.7 (8.8)	10.3 (17.21)	10.2 (7.4)	N/A	0.1 (0.4)	N/A

*** FILTER ANALYSIS RESULTS ***

TSN/TSO: 1587.3
Oil Hours: 24
Filter Hours: 24
Oil Added: 3
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

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: 7/10/2025
Analysis Date: 7/17/2025
Sample Number: P69
Cylinder Type: steel

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
38.7 (36.5)	6.4 (18.5)	0.7 (1.1)	7.2 (3.8)	N/A	N/A	7.6 (8.9)	20.4 (23.34)	9.7 (6.8)	N/A	0.1 (0.3)	N/A

*** FILTER ANALYSIS RESULTS ***

TSN/TSO: 1563.3
Oil Hours: 41
Filter Hours: 41
Oil Added: 6
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

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.