

AIRSMART/GOLDSTRIKE AVIATION
Attn: HARLEY NIELSON
2705 AIRPORT DR

Aircraft: B36
S/N: E3727
Tail No.: N27FB

Date: 3/7/2023
Engine S/N: 688464
Engine Model: CONT. 550

LAS VEGAS NV 89032
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	
Sample Date: 2/28/2023 Analysis Date: 3/6/2023 Sample Number: P52 Cylinder Type: steel TSN/TSO: 1484.5 Oil Hours: 26.8 Filter Hours: 26.8 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.
		27.8 (45.4)	2.0 (4.5)	5.3 (9.4)	4.2 (7.0)	N/A	N/A	4.4 (7.7)	3385 (3903)	4.3 (5.2)	N/A	< 0.1 (0.1)	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.										Elevated	
Sample Date: 9/7/2022 Analysis Date: 9/21/2022 Sample Number: P51 Cylinder Type: steel TSN/TSO: 1457.7 Oil Hours: 41.4 Filter Hours: 41.4 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.
		39.0 (50.3)	3.3 (5.1)	7.3 (10.3)	5.3 (7.4)	N/A	N/A	6.2 (8.1)	3895 (5055)	7.0 (4.8)	N/A	< 0.1 (0.1)	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.										Elevated	
Sample Date: 1/24/2022 Analysis Date: 2/24/2022 Sample Number: P15 Cylinder Type: steel TSN/TSO: 1416.3 Oil Hours: unknown Filter Hours: 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.
		63.5 (N/A)	4.8 (N/A)	16.9 (N/A)	10.1 (N/A)	N/A	N/A	9.8 (N/A)	5858 (N/A)	10.2 (N/A)	N/A	0.2 (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.