

Date: 10/19/2023
Engine S/N: L1389961A
Engine Model: LYC. T540

United States

CURRENT SAMPLE		SAMPLE APPEARS NORMAL. Send next sample at normal interval.										Normal	Elevated	High
Sample Date: 10/11/2023 Analysis Date: 10/12/2023 Sample Number: P95 Cylinder Type: steel TSN/TSO: unknown Oil Hours: unknown Filter Hours: Oil Added: Filter Wt. (mgs): 770 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.		
	45.8 (N/A)	8.3 (N/A)	3.4 (N/A)	5.7 (N/A)	N/A	N/A	6.1 (N/A)	4788 (N/A)	5.2 (N/A)	N/A	< 0.1 (N/A)	N/A		
	*** FILTER ANALYSIS RESULTS ***													
	Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.			
	Amount:	Trace 0-10%								Trace 0-10%	Major 40-100%			
	Type:													
	Form:	Fines								Fines				
Comments: ALL METALLIC DEBRIS REMOVED FROM THE FILTER SEEMS TO BE NORMAL ENGINE WEAR. 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: 5/5/2023 Analysis Date: 5/12/2023 Sample Number: P82 Cylinder Type: steel TSN/TSO: 1306.8 Oil Hours: 26 Filter Hours: 26 Oil Added: 2 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.		
	44.3 (43.5)	7.4 (6.7)	6.3 (4.3)	10.1 (6.0)	N/A	N/A	8.0 (7.4)	4609 (3860)	7.3 (4.8)	N/A	0.2 (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.										Normal	Elevated	High
Sample Date: 2/21/2023 Analysis Date: 3/21/2023 Sample Number: P23 Cylinder Type: steel TSN/TSO: 1280.8 Oil Hours: 53.2 Filter Hours: 53.2 Oil Added: 1 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.		
	19.0 (53.5)	3.7 (8.5)	4.0 (6.3)	3.9 (7.1)	N/A	N/A	3.7 (9.1)	2078 (6254)	2.9 (5.0)	N/A	< 0.1 (0.2)	N/A		
	*** FILTER ANALYSIS RESULTS ***													
	Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.			
	Amount:													
	Type:													

