

MCFRONCEK AVIATION Attn: ERIC STEVENSON

Aircraft: PIPER S/N: 4636563 Tail No.: N321AG Date: 10/19/2023 Engine S/N: L1389961A Engine Model: LYC. T540

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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 <u>www.avlab.com/explain</u> for d	etailed explanatior	of the stat	istical analysi	s used wit	h your laborat	ory results.					
CURRENT SAMPLE	SAMPLE APPEA	RS NORM	AL. Send nex	t sample	at normal inte	erval.				Elevated	High
Sample Date: 10/11/2023			*** OIL	ANALY	SIS RESULT	S IN PARTS	PER MI	LLION *	**		
Analysis Date: 10/12/2023	Iron Coppe	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
Sample Number: P95	45.8 8.3	3.4	5.7	N/A	N/A	6.1	4788	5.2	N/A	< 0.1	N/A
Cylinder Type: steel	(N/A) (N/A)	(N/A)	(N/A)			(N/A)	(N/A)	(N/A)		(N/A)	
				*** F	ILTER ANAL	YSIS RESU	LTS ***				
TSN/TSO: unknown		Stainles	s Carbon	Alloy	Bearing	Copper	Silver	Magn.	Alum.	Grit	Misc
Oil Hours: unknown	Material	: Steel	Steel	Steel	Alloy	Сорреі	Olivei	wagii.			Wilse
Filter Hours:	Amoun	t:	Trace 0-10%						Trace	Major 40-100%	
Oil Added:	Туре):	V-10./0						V-10./0		
Filter Wt. (mgs): 770											
Flashpoint(deg. F):			F1						Fines		
H20 (ppm):	Form	:	Fines						rilles		
Total Acid No.:											
omments: ALL METALLIC DEBRIS RE	MOVED FROM T	HE FILTER	SEEMS TO E	BE NORM	AL ENGINE V	VEAR. ALL O	IL VALUE	S SEEM FI	INE. WE WIL	L	
CONTINUE TO MONITOR THIS ENGIN	E WITH YOUR NE	XT SAMPL	.E.								
PREVIOUS SAMPLE 1	SAMPLE APPEA	RS NORM	AL. Send nex	t sample	at normal inte	erval.				Elevated	High
Sample Date: 5/5/2023			*** OIL	ANALY	SIS RESULT	S IN PARTS	PER MI	LLION *	**		
Analysis Date: 5/12/2023	Iron Coppe	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly
Sample Number: P82	44.3 7.4	6.3	10.1	N/A	N/A	8.0	4609	7.3	N/A	0.2	N/A
Cylinder Type: steel	(43.5) (6.7)	(4.3)	(6.0)			(7.4)	(3860)	(4.8)		(0.1)	
				*** F	ILTER ANAL	YSIS RESU	LTS ***				
TSN/TSO: 1306.8		Stainles	s Carbon	Alloy	Bearing	Copper	Silver	Magn.	Alum.	Grit	Misc
Oil Hours: 26	Material	: Steel	Steel	Steel	Alloy						
Filter Hours: ²⁶	Amoun	t:									
Oil Added: ²	Туре):									
Filter Wt. (mgs):											
Flashpoint(deg. F):											
H20 (ppm):	Form	:									
Total Acid No.:											
comments: ALL OIL VALUES SEEM FIN	NE. WE WILL CON	ITINUE TO	MONITOR TH	HIS ENGI	NE WITH YOU	JR NEXT SAI	MPLE.				
PREVIOUS SAMPLE 2	SAMPLE APPEA	DS NODM	Al Sand nav	t cample	at normal into	rval			Normal	Elevated	High
Sample Date: 2/21/2023	JAMIFLE AFFEA	INS NORWI		•	SIS RESULT		DED M			Lievated	riigii
Analysis Date: 3/21/2023	Iron Coppe	Nickel			Magnesium		-			Tin	Moly
Sample Number: P23	19.0 3.7	4.0	3.9	N/A	N/A	3.7	2078	2.9	N/A	< 0.1	N/A
Cylinder Type: steel	(53.5) (8.5)	(6.3)	(7.1)	IN/A	IN/A	(9.1)	(6254)	(5.0)	IN/A	(0.2)	IN/A
				*** F	ILTER ANAL						
TSN/TSO: 1280.8		Stainles	s Carbon	Alloy							
Oil Hours: 53.2	Materia		Steel	Steel	Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc
Filter Hours: 53.2	Amoun	::									
Oil Added: 1	Туре):									
Filter Wt. (mgs):											
Flashpoint(deg. F):											
		_									
	Form	:									
H20 (ppm): Total Acid No.:	Form	•									