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3319 W. Earll Drive, Phoenix, Arizona 85017 Phone: 800-445-7930 Fax: 602-252-4639 http://webtrieve.alstribology.com ****email: aoa@alstribology.com

Customer Name:	BRUCE ALLBRIG	GHT		Tail Number:	N522SR	Comp Serial No:	689544	
Address:				Aircraft Make:	Cirrus	Comp Name:	Single Engine	
				Aircraft Model:	SR 22			
						Comp Make:	Continental	
Phone:	970 871 1696			Serial No:		Comp Model:	IO-550N	
Fax:				UIN:	01E0E79	-		
Sample No. SIF No. Date Sampled Date Tested Oil Brand Oil Type Oil Grade Oil Hrs Oil Added Hrs Since New Rebuild Hrs Metals (ppm)		44150314819 42090616 21-Sep-23 02-Oct-23 Shell Aeroshell W SAE 15W50	441502938 43053759 28-Oct-22 11-Nov-22 Shell Aeroshell V SAE 15W5 20 1996	9 43049254 2 11-Feb-22 2 16-Feb-22 Shell N	26439598 24-Sep-21 12-Oct-21 Shell V Aeroshell W	44150240129 26416122 29-Aug-20 09-Sep-20 Shell Aeroshell W SAE 15W50 12 1922	44150207156 35673589 06-May-19 13-May-19 Shell Aeroshell W SAE 15W50 35	
Aluminium (Al)	6	6	5	7	5	6	
Iron (Fe)		27.87	30.88		45.37	34.09	34.40	
Copper (Cu)		3.76	5.87	2.75	4.39	2.83	4.01	
Nickel (Ni)		7	10	14	17	12	7	
Chromium (Cr	r)	5	7	9	10	8	6	
Silver (Ag)		<1	<1	<1	<1	<1	<1	
Contaminants (Silicon (Si)	ppm)	4	7	6	7	8	5	
LEGEN Severe Abnormal Caut								
Sample No.	<u>Diagno</u>	Diagnosis/Recommendations						
44150314819	All values a	All values appear normal.						

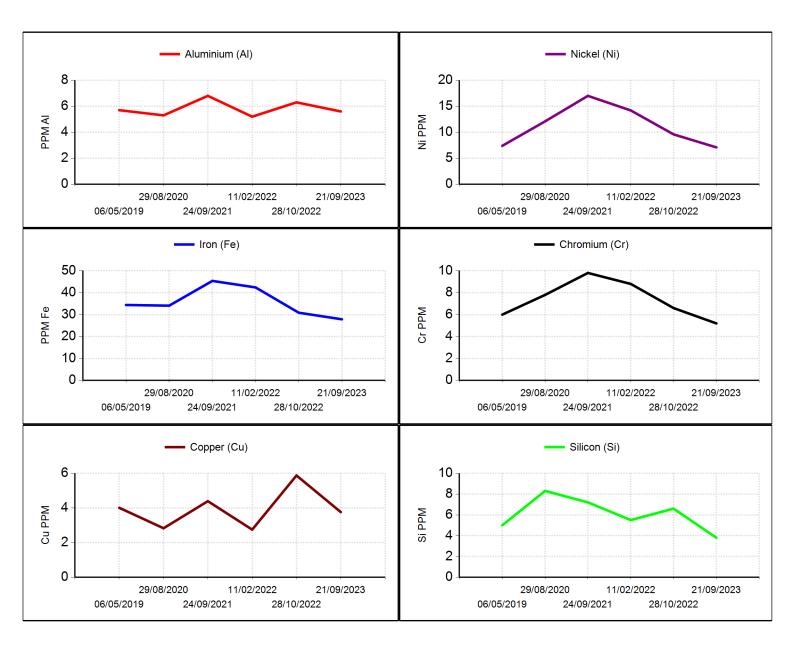
44150293858All values appear normal.44150274583All values appear normal.44150266876Increase in iron level noted. Check oil filter for chips. Resample next oil change to check wear trend.44150240129All values appear normal.

44150207156 All values appear normal.





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Since services are based on samples and information supplied by others, and since corrective actions, if any, are necessarily taken by others, these services are rendered without any warranty or liability of any kind beyond the actual amount paid to ALS Laboratory group for the services. Reported recommendations are based on interpretations of the generated test results and historical data. Certain test results appearing in this report may have been tested at other ALS laboratories within the Tribology divisional network.

Bruce Allbright Attn: Bruce Allbright PO BOX 776070 Steamboat Springs

TEST METHODS: METHODS:

Acid Number:
ASTM D974/D664

ICP:
ASTM D5185

Viscosity:
ASTM D445 / D7279

Water by Crackle:
ASTM E203 Mod / In House

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