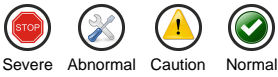


3319 W. Earll Drive, Phoenix, Arizona 85017
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<http://webtrieve.alstribology.com> ****email: aoa@alstribology.com

Tail Number: N34985	Comp Serial No: L-18662-36A
Aircraft Make: Cessna	Comp Name: Single Engine
Aircraft Model: 177B	Comp Make: Lycoming
Serial No:	Comp Model: O-360A1
UIN: 06C5C5E	

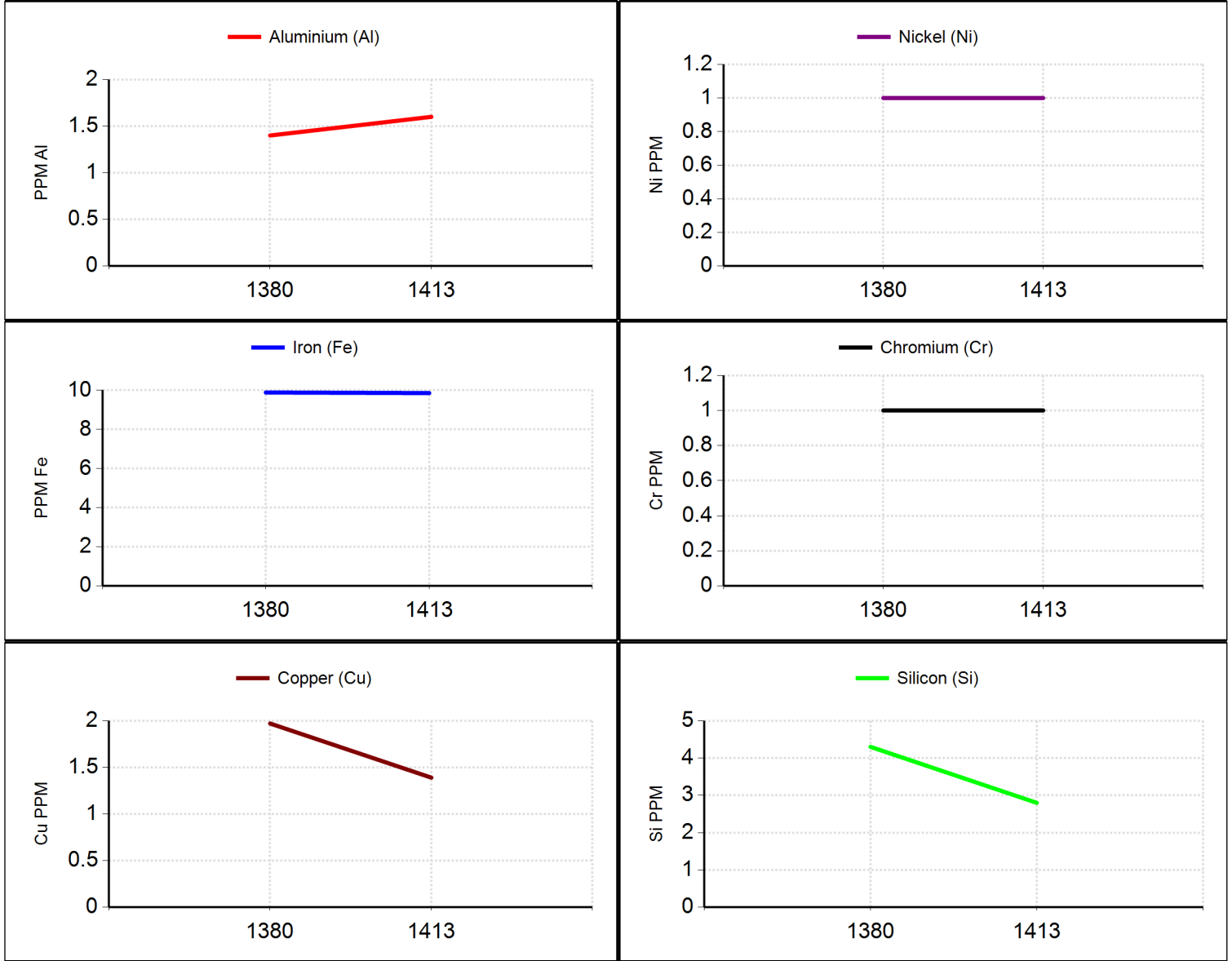
	44150195760	44150192415
Sample No.	44150195760	44150192415
Date Sampled	04-Nov-18	12-Sep-18
Date Tested	13-Nov-18	26-Sep-18
Oil Brand	Phillips 66	Phillips 66
Oil Type	XC Aviation MV	XC Aviation MV
Oil Grade	SAE 20W50	SAE 20W50
Oil Hrs	32	38
Oil Added	2.0	3.0
Hrs Since New		
Rebuild Hrs	1413	1380
<hr/>		
Metals (ppm)		
Aluminium (Al)	2	1
Iron (Fe)	9.86	9.89
Copper (Cu)	1.39	1.97
Nickel (Ni)	<1	1
Chromium (Cr)	<1	<1
Silver (Ag)	<1	<1
<hr/>		
Contaminants (ppm)		
Silicon (Si)	3	4

LEGEND



Sample No.	Diagnosis/Recommendations
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44150195760	All values appear normal.
44150192415	All values appear normal. Resample next oil change to establish wear trend.



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.

TEST METHODS:

Acid Number:	ASTM D974/D664
ICP:	ASTM D5185
Viscosity:	ASTM D445 / D7279
Water by Crackle:	ASTM E203 Mod / In House