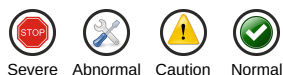


3319 W. Earll Drive, Phoenix, Arizona 85017
 Phone: 800-445-7930 Fax: 602-252-4639
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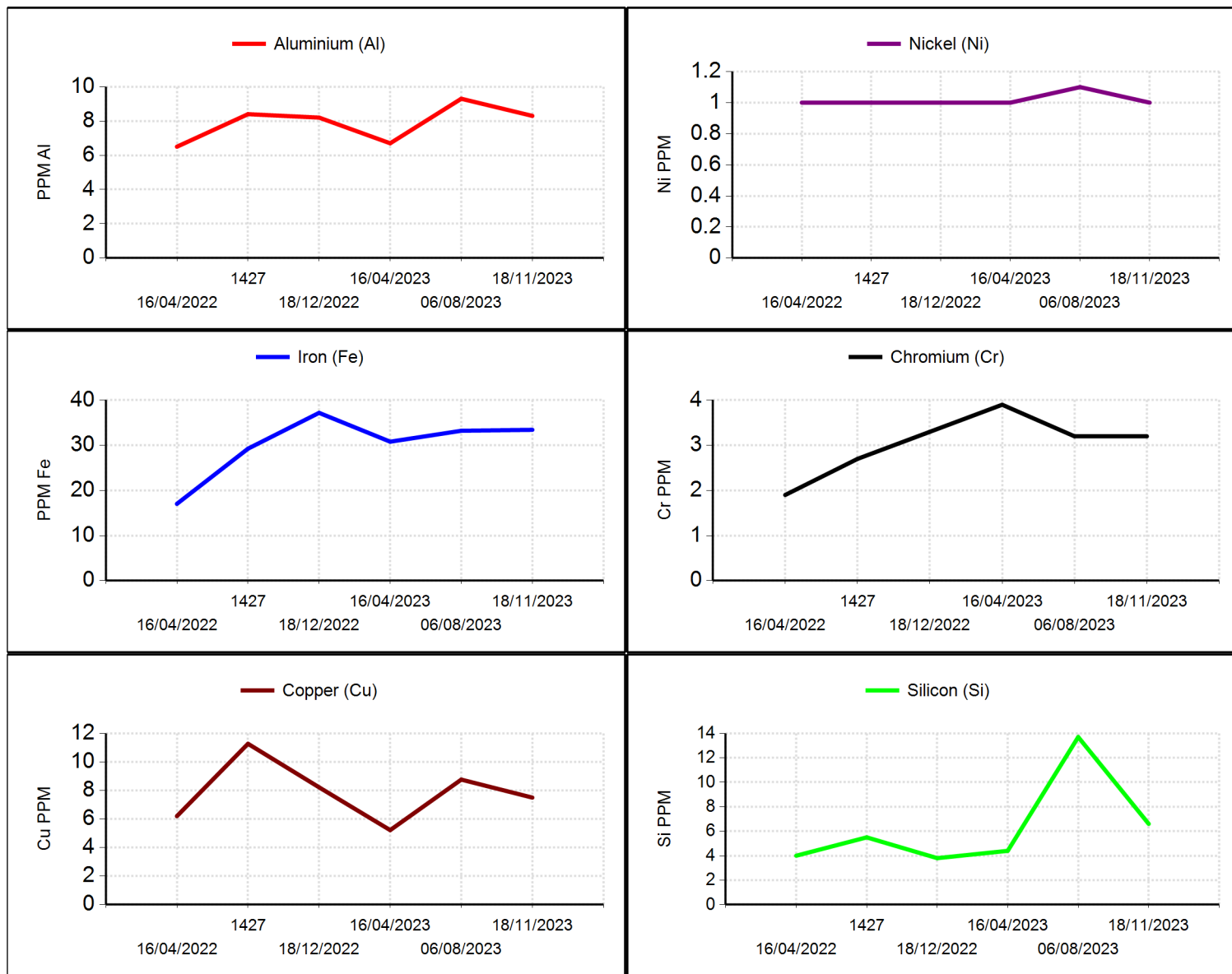
Customer Name:	ANGELO A. PETROPOLIS	Tail Number:	N52878	Comp Serial No:	RL-25822-51A
Address:	2032 Town And Country Dr Sierra Vista AZ 85635 USA	Aircraft Make:	Cessna	Comp Name:	Single Engine
Phone:	520 249 8001	Aircraft Model:	177RG	Comp Make:	Lycoming
Fax:	520 458 6949	Serial No:		Comp Model:	IO-360A1B6D
		UIN:	01E0121		

Sample No.	44150318400	44150311308	44150303190	44150296453	44150286930	44150278989
SIF No.	44510560	44510782	43054192	25358383	700876497	42087799
Date Sampled	18-Nov-23	06-Aug-23	16-Apr-23	18-Dec-22	07-Aug-22	16-Apr-22
Date Tested	27-Nov-23	16-Aug-23	21-Apr-23	30-Dec-22	11-Aug-22	26-Apr-22
Oil Brand	Shell	Shell	Shell	Shell	Shell	Shell
Oil Type	Aeroshell W100+	Aeroshell W100+	Aeroshell W100+	Aeroshell W100+	Aeroshell W100+	Aeroshell W100+
Oil Grade	SAE 50	SAE 50	SAE 50	SAE 50	SAE 50	SAE 50
Oil Hrs	49	51	17	50	49	27
Oil Added	6.0	5.0	3.0	7.0	5.0	4.0
Hrs Since New	1595	1546	1488	1471	1427	1378
Rebuild Hrs					1427	
Metals (ppm)						
Aluminium (Al)	8	9	7	8	8	7
Iron (Fe)	33.44	33.23	30.81	37.20	29.26	17.03
Copper (Cu)	7.50	8.76	5.22	8.22	11.27	6.20
Nickel (Ni)	<1	1	<1	<1	<1	<1
Chromium (Cr)	3	3	4	3	3	2
Silver (Ag)	<1	<1	<1	<1	<1	<1
Contaminants (ppm)						
Silicon (Si)	7	14	4	4	6	4

LEGEND


Sample No. Diagnosis/Recommendations

44150318400	All values appear normal.
44150311308	All values appear normal.
44150303190	All values appear normal.
44150296453	All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.
44150286930	All values appear normal.
44150278989	All values appear normal.



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.

Angelo A. Petropolis
Attn: Angelo Petropolis
2032 Town And Country Dr
Sierra Vista AZ 85635
USA

TEST METHODS:

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

0037 v1.9