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Customer Name:	TIM FINO	Tail Number:	N47815	Comp Serial No:	1048331
Address:	34730 Oakland Farmington MI 48335 USA	Aircraft Make:	Piper	Comp Name:	Right Engine
Phone:	248 471 6500	Aircraft Model:	PA34 200T	Comp Make:	Continental
Fax:	248 479 0383	Serial No:		Comp Model:	TSIO-360EB
		UIN:	0B2E278		

Sample No.	44150351679	44150345906
SIF No.	26426793	26426780
Date Sampled	28-Apr-25	19-Jan-25
Date Tested	06-May-25	06-Feb-25
Oil Brand	Shell	Shell
Oil Type	AeroShell W80	AeroShell W100
Oil Grade	SAE 40	SAE 50
Oil Hrs	22	14
Oil Added		1.0
Hrs Since New		14
Rebuild Hrs	36	14

Metals (ppm)		
Molybdenum (Mo)	5	3
Aluminium (Al)	6	3
Iron (Fe)	31.74	22.13
Copper (Cu)	32.35	29.04
Nickel (Ni)	3	2
Chromium (Cr)	12	11
Tin (Sn)	4	2
Lead (Pb)	2457.77	1143.85
Silver (Ag)	<1	<1
Titanium (Ti)	<1	<1

Contaminants (ppm)		
Silicon (Si)	18	14

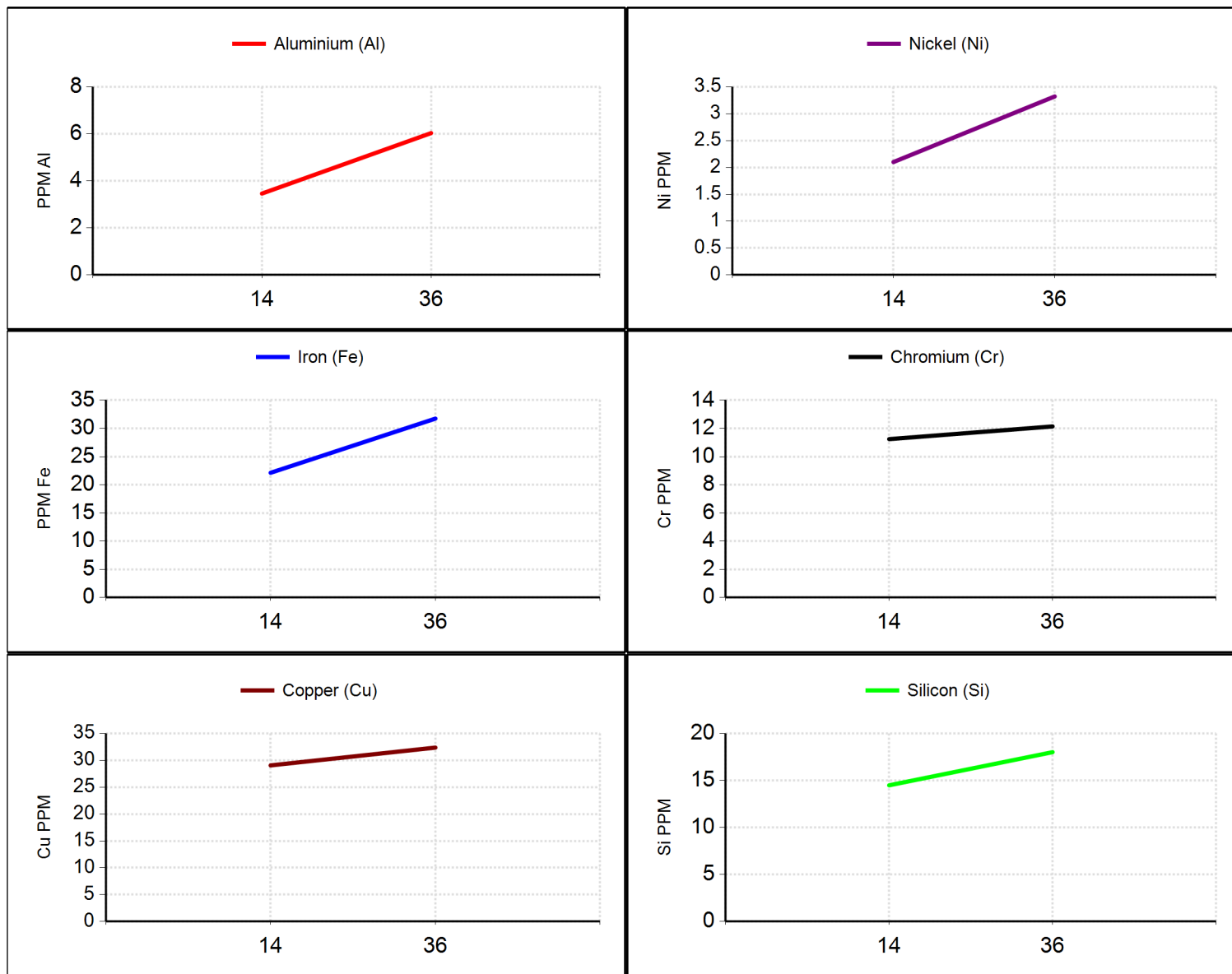
Additives (ppm)		
Magnesium (Mg)	1	1

LEGEND



Sample No. Diagnosis/Recommendations

44150351679	No abnormal wear detected for recent overhaul. Resample next oil change to check wear trend.
44150345906	No abnormal wear detected for recent overhaul. 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.

Tim Fino
Attn: Tim Fino
34730 Oakland
Farmington MI 48335
USA

TEST 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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