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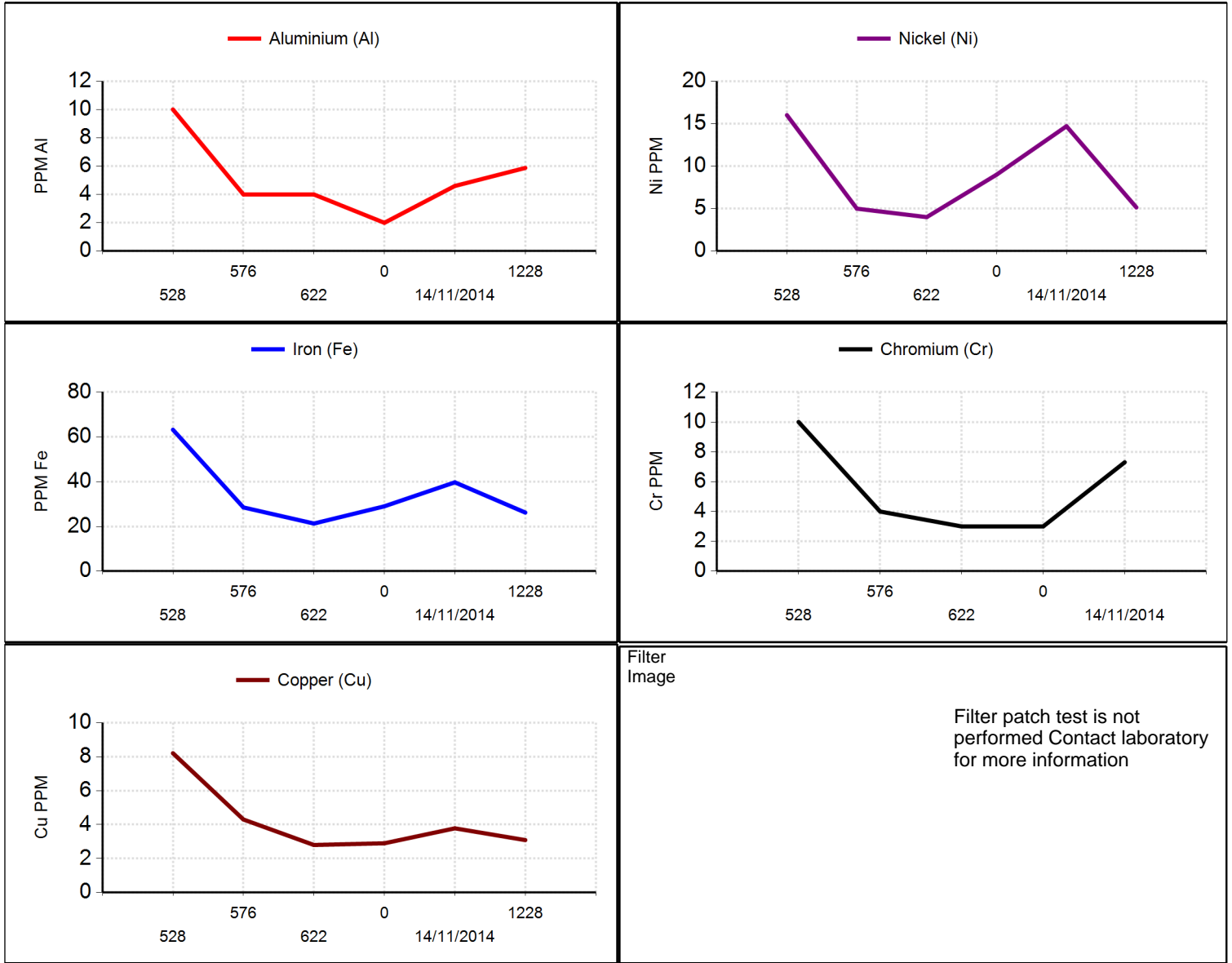
Customer Name: AIRWERKS	Tail Number: N282CD	Comp Serial No: 917363
Address:	Aircraft Make: Cirrus	Comp Name: Single Engine
Phone:	Aircraft Model: SR 22	Comp Make: Continental
Fax:	Serial No: 1136	Comp Model: IO-550N
	UIN: 01E5F6F	

Sample No.	44150371964	44150103886	44110934962	44110929272	44110923200	44110918110
SIF No.	AOAB10052384	16441797	9935755	9933655	9931347	9929221
Date Sampled	24-Feb-26	14-Nov-14	26-Oct-07	17-Aug-07	12-Jun-07	05-Apr-07
Date Tested	02-Mar-26	25-Nov-14	26-Oct-07	17-Aug-07	12-Jun-07	05-Apr-07
Oil Brand	Shell	Shell	Shell	Shell	Shell	Shell
Oil Type	AeroShell W100	AeroShell W100	AeroShell 100	AeroShell 100	AeroShell 100	AeroShell 100
Oil Grade	SAE 50	SAE 50	SAE 50	SAE 50	SAE 50	SAE 50
Oil Hrs		27	66	50	49	80
Oil Added						
Hrs Since New	1228	1059	0	622	576	528
Rebuild Hrs	1228					
Metals (ppm)						
Chromium (Cr)	3.09					
Molybdenum (Mo)	<1					
Aluminium (Al)	6	5	2	4	4	10
Iron (Fe)	26.19	39.71	29.00	21.30	28.50	63.20
Copper (Cu)	3.09	3.78	2.90	2.80	4.30	8.20
Nickel (Ni)	5	15	9	4	5	16
Tin (Sn)	<1					
Lead (Pb)	1696.10					
Silver (Ag)	<1	<1	<1	<1	<1	<1
Titanium (Ti)	<1					
Contaminants (ppm)						
Silicon (Si)	6	4	3	8	9	5
Additives (ppm)						
Magnesium (Mg)	<1					

LEGEND

									
Severe	Abnormal	Caution	Normal						

Sample No.	Diagnosis/Recommendations
44150371964	Oil time unknown. All values appear normal. Resample next oil change to check wear trend.
44150103886	All values appear normal.
44110934962	Other Information: No Sample Date Provided, Engine Time Unknown - No Abnormal Wear Detected, See Comments Below
44110929272	Other Information: Note: No (Sample Date Taken) Provided., All Values Appear Normal, See Comments Below
44110923200	Other Information: Note: No (Sample Date Taken) Provided., All Values Appear Normal, See Comments Below
44110918110	Other Information: Note: No Sample (Date Taken) Information Provided., No Abnormal Wear Detected For Engine/Oil Times, See Comments Below



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.

Airwerks
 Attn: Marvin Coolidge
 PO Box 507
 Newberg Or 97132
 USA

TEST METHODS:

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