



OIL REPORT

LAB NUMBER: S212927

UNIT ID: N550PK

REPORT DATE: 4/21/2025

CLIENT ID: 215337

CODE: 167/1,193

PAYMENT: Sub Account

UNIT

MAKE/MODEL: Continental IO-550-N46 (TN)

FUEL TYPE: Gasoline (Leaded)

ADDITIONAL INFO: Cirrus SR22, S/N: 689530, 2525, TAT

OIL TYPE & GRADE: Phillips XC (A/C) 20W/50

OIL USE INTERVAL: 17 Hours

CLIENT

BERNARD PAQUETTE

JAD DONALDSON

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COMMENTS

BERNARD: Thanks for letting us know about the light use over the past year. We'd expect to see some corrosion in the form of higher aluminum and iron, but these levels look good. Whatever was done to protect the engine during its inactivity seems to have paid off. This is a great set of results.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	17	UNIT / LOCATION AVERAGES	6	32	14	22	27	UNIVERSAL AVERAGES
	MI/HR on Unit	1,857		1,840	1,835	1,803	1,789	1,663	
	Sample Date	4/3/2025		2/26/2024	10/9/2023	4/21/2023	12/28/2022	11/13/2020	
	Make Up Oil Added	1 qt		0 qts	1 qt	1 qt	2 qts		
	ALUMINUM	5		4	3	7	4	6	
	CHROMIUM	4		4	3	6	5	7	
	IRON	30		25	20	39	32	43	
	COPPER	3		3	2	4	4	2	
	LEAD	3011		2673	2335	4480	2866	3723	
	TIN	0		0	0	0	1	0	
	MOLYBDENUM	2		2	1	2	2	3	
	NICKEL	5		5	4	7	7	10	
	MANGANESE	0		0	0	1	1	1	
	SILVER	0		0	0	0	0	0	
	TITANIUM	0		0	0	0	0	0	
	POTASSIUM	0		0	0	0	0	0	
	BORON	0		1	1	1	1	0	
	SILICON	9		8	7	9	14	5	
	SODIUM	0		1	1	2	1	1	
	CALCIUM	0		1	1	2	8	0	
	MAGNESIUM	0		0	0	1	5	0	
	PHOSPHORUS	1		3	4	2	6	2	
	ZINC	2		2	2	3	6	2	
	BARIUM	0		0	0	0	0	0	

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	88.7	86-105	87.8	91.8	89.5	88.8	93.0
	cSt Viscosity @ 100°C	17.67	17.0-21.8	17.44	18.42	17.86	17.70	18.69
	Flashpoint in °F	445	>430	460	455	470	450	495
	Fuel %	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5
	Antifreeze %	-		-	-	-	-	-
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.3	0.3	0.2	0.4	0.2
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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