



OIL REPORT

LAB NUMBER: P92433
 REPORT DATE: 7/7/2022
 CODE: 63/436

UNIT ID: N426GW
 CLIENT ID: 112644
 PAYMENT: CC: Visa (Bulk)

UNIT	MAKE/MODEL: Continental IO-550-N68	OIL TYPE & GRADE: Aeroshell 15W/50
	FUEL TYPE: Gasoline (Leaded)	OIL USE INTERVAL: 20 Hours
	ADDITIONAL INFO: Cirrus SR22 S/N 1033948, 4520	

CLIENT	GIL WILLIAMSON	PHONE: (843) 785-8104
	18 LAVINGTON ROAD	FAX:
	HILTON HEAD ISLAND, SC 29928	ALT PHONE:
		EMAIL: gilbert.williamson@gmail.com,
		service@commander-aero.com,

COMMENTS
 GIL: You really know how to take care of this IO-550! This engine has a long history of producing excellent results, and this sample isn't any different. No developing issues are suspected, and there isn't any contamination to note. If we could tell you how to get better results, we would, but you're already doing all the right things. Keep up the good work!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	20	UNIT / LOCATION AVERAGES	26	32	26	32	35	UNIVERSAL AVERAGES
	MI/HR on Unit	471		560	539	507	485	456	
	Sample Date	6/20/2022		4/18/2022	12/29/2021	9/7/2021	6/18/2021	3/20/2021	
	Make Up Oil Added	2 qts		1 qt	0 qts	2 qts	2 qts	3 qts	
ALUMINUM	4	5	4	4	6	4	5	7	
CHROMIUM	4	8	5	7	7	5	7	11	
IRON	17	23	21	20	22	19	24	51	
COPPER	4	7	4	5	4	4	5	6	
LEAD	3333	3794	2766	3931	3313	3416	3902	5880	
TIN	1	1	1	0	1	2	0	2	
MOLYBDENUM	2	4	2	3	3	2	3	5	
NICKEL	3	4	4	6	6	5	5	12	
MANGANESE	0	1	0	0	0	0	0	1	
SILVER	0	0	0	0	0	0	0	0	
TITANIUM	0	0	0	0	0	0	0	0	
POTASSIUM	0	0	0	0	0	1	0	1	
BORON	2	1	0	0	1	0	0	1	
SILICON	2	5	3	3	4	3	4	6	
SODIUM	2	2	2	1	2	2	2	1	
CALCIUM	101	81	87	95	98	83	79	29	
MAGNESIUM	1	1	1	1	1	1	1	1	
PHOSPHORUS	1222	1181	1108	1162	1155	1092	1140	237	
ZINC	5	8	4	5	5	5	6	4	
BARIUM	0	0	0	0	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	85.6	82-105	86.4	86.1	84.6	89.7	89.5
	cSt Viscosity @ 100°C	16.91	16.0-21.8	17.10	17.04	16.67	17.90	17.86
	Flashpoint in °F	475	>440	470	455	475	485	470
	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	0.2	0.3	0.3	0.3	0.2
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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