



OIL REPORT

LAB NUMBER: N24421

UNIT ID: N923PT

REPORT DATE: 3/26/2021

CLIENT ID: 61382

CODE: 63/75

PAYMENT: CC: MC (Bulk)

UNIT	MAKE/MODEL: Continental IO-550-N68	OIL TYPE & GRADE: Phillips XC (A/C) 20W/50
	FUEL TYPE: Gasoline (Leaded)	OIL USE INTERVAL: 55 Hours
	ADDITIONAL INFO: Cirrus SR22, S/N 1034479	

CLIENT	KAREN DAVIS	PHONE: (937) 885-5580 Ext: 16
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COMMENTS
 KAREN: This engine has a long history of excellent results, and that trend continues with this latest sample. Wear metals don't show any new or developing issues, and there isn't any evidence of an air or oil filtration problem. No measurable fuel or water showed up in this 20W/50 oil. Just keep up the good work with N923PT. It looks good from here at 452.1 hours SNew!

	MI/HR on Oil	55	UNIT / LOCATION AVERAGES	32	31	38	46	45	UNIVERSAL AVERAGES
	MI/HR on Unit	452		314	282	216	179	133	
	Sample Date	3/19/2021		8/6/2019	6/19/2019	1/22/2019	10/24/2018	7/10/2018	
ELEMENTS IN PARTS PER MILLION	Make Up Oil Added								
	ALUMINUM	6	7	7	6	5	10	8	7
	CHROMIUM	13	15	15	12	12	21	19	12
	IRON	51	58	59	49	48	78	71	52
	COPPER	5	7	5	5	6	9	10	6
	LEAD	6711	6049	5087	5445	5992	7762	6548	6095
	TIN	1	2	1	2	1	2	3	2
	MOLYBDENUM	6	7	7	5	5	10	9	5
	NICKEL	13	10	13	13	8	10	9	12
	MANGANESE	1	1	1	1	1	1	1	1
	SILVER	0	0	0	0	0	0	0	0
	TITANIUM	0	0	0	0	0	0	0	0
	POTASSIUM	0	1	0	2	1	1	1	1
	BORON	0	1	0	1	0	2	0	1
	SILICON	5	7	5	5	6	9	10	6
	SODIUM	2	3	1	9	2	1	1	1
	CALCIUM	7	80	102	112	87	98	87	31
	MAGNESIUM	0	1	1	0	1	2	1	1
	PHOSPHORUS	6	33	42	45	38	36	32	264
	ZINC	3	7	4	5	6	8	10	5
BARIUM	0	0	0	0	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	89.2	86-105	88.8	90.0	88.8	89.3	93.8
	cSt Viscosity @ 100°C	17.78	17.0-21.8	17.68	17.99	17.68	17.81	18.89
	Flashpoint in °F	445	>430	425	440	445	475	450
	Fuel %	<0.5	<1.0	TR	<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 %	0.3	<0.6	0.5	0.4	0.3	0.5	0.5
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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