



**OIL
REPORT**

LAB NUMBER: S126054 UNIT ID: N32863-RH
 REPORT DATE: 10/9/2024 CLIENT ID: 228435
 CODE: 63/88 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Continental LTSIO-360-E1 FUEL TYPE: Gasoline (Leaded) ADDITIONAL INFO: Piper PA34-200T, S/N: 225502-R	OIL TYPE & GRADE: Phillips XC (A/C) 20W/50 OIL USE INTERVAL: 44 Hours
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CLIENT	TRAVIS PULLEY DIRT LANDING LLC 3231 W 1100 N NEW RICHMOND, IN 47967	PHONE: (765) 376-3799 FAX: ALT PHONE: EMAIL: tpulley81@gmail.com
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COMMENTS	TRAVIS: The right engine looks to be wearing better with less iron from steel wear. That's nice to see after a longer oil run. Even though some other metals are higher than before, they remain within healthy ranges of the averages. There's a little more silicon than last time, but with wear looking good, we're thinking that's probably from a harmless source like DC 4 or some other silicone lube/sealer. It wouldn't hurt to give the air filter/intake and alt air door another check just in case. The viscosity's in the right range for 20W/50 and no contamination was found.
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	44	UNIT / LOCATION AVERAGES	13						UNIVERSAL AVERAGES
	MI/HR on Unit	1,650		1,600						
	Sample Date	9/14/2024		5/26/2024						
	Make Up Oil Added	2 qts		0 qts						
ALUMINUM	7	7	7							6
CHROMIUM	15	13	10							12
IRON	66	90	113							62
COPPER	9	7	5							6
LEAD	4028	2745	1462							6760
TIN	1	2	2							1
MOLYBDENUM	2	2	2							6
NICKEL	7	5	2							15
MANGANESE	1	2	2							1
SILVER	0	0	0							0
TITANIUM	0	0	0							0
POTASSIUM	1	1	0							0
BORON	1	1	1							0
SILICON	22	20	18							14
SODIUM	1	2	2							1
CALCIUM	2	5	7							3
MAGNESIUM	6	6	5							5
PHOSPHORUS	49	144	239							164
ZINC	9	11	13							5
BARIUM	0	0	0							0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	86.9	86-105	84.7					
	cSt Viscosity @ 100°C	17.23	17.0-21.8	16.68					
	Flashpoint in °F	455	>430	455					
	Fuel %	<0.5	<1.0	<0.5					
	Antifreeze %	-		-					
	Water %	0.0	0.0	0.0					
	Insolubles %	0.4	<0.6	0.3					
	TBN								
	TAN								
	ISO Code								

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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