



OIL REPORT

LAB NUMBER: Q47293

UNIT ID: N567AJ

REPORT DATE: 12/2/2022

CLIENT ID: 200285

CODE: 20/436

PAYMENT: CC Online (Bulk)

UNIT	MAKE/MODEL: ECI Titan IO-360	OIL TYPE & GRADE: Aeroshell W100 (AD)
	FUEL TYPE: Gasoline (Leaded)	OIL USE INTERVAL: 26 Hours
	ADDITIONAL INFO: Vans RV-7, S/N 65599/40114-40, Nickel cyl	

CLIENT	GEORGE JENSON	PHONE: (520) 241-5407
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COMMENTS GEORGE: Your engine's fourth report shows another round of progress. Chrome (rings), iron (steel parts like rotating shafts and valve train components), and tin (usually from bronze parts) all read within the average range this time. Copper is also from bronze components and it improved too (along with nickel, from cylinders and exhaust valve guides). Copper should come down more in the next report. We'll stop marking nickel too once it holds steady for a few reports in a row. Lower silicon means most of the assembly sealers have washed out by now. Good!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	26	UNIT / LOCATION AVERAGES	25	26	21	UNIVERSAL AVERAGES
	MI/HR on Unit	108		82	57	31	
	Sample Date	11/6/2022		9/17/2022	6/29/2022	4/9/2022	
	Make Up Oil Added	1 qt			0 qts	0 qts	
ALUMINUM	5	7	7	8	10	5	
CHROMIUM	5	8	8	12	10	3	
IRON	24	36	35	49	39	19	
COPPER	18	24	24	30	26	6	
LEAD	2114	2051	1935	2105	1494	3283	
TIN	2	3	4	4	2	1	
MOLYBDENUM	1	2	1	3	4	1	
NICKEL	7	10	10	13	13	3	
MANGANESE	0	0	0	1	1	0	
SILVER	0	0	0	0	0	0	
TITANIUM	0	0	0	0	0	0	
POTASSIUM	0	0	0	0	0	1	
BORON	2	1	1	1	0	0	
SILICON	12	21	18	33	40	9	
SODIUM	2	1	1	1	2	1	
CALCIUM	3	2	2	2	5	52	
MAGNESIUM	1	1	1	1	2	2	
PHOSPHORUS	1	2	2	2	3	283	
ZINC	2	3	2	4	12	7	
BARIUM	0	0	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	97.9	86-105	94.2	91.7	91.8
	cSt Viscosity @ 100°C	19.87	17.0-21.8	18.99	18.38	18.41
	Flashpoint in °F	495	>460	505	470	510
	Fuel %	<0.5	<1.0	<0.5	<0.5	<0.5
	Antifreeze %	-		-	-	-
	Water %	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.2	0.2	0.3
	TBN					
	TAN					
	ISO Code					

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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