



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
	501 E 1ST ST	FAX:
	TUCSON, AZ 85705	ALT PHONE:
		EMAIL: george@georgejenson.com

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!
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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	8	10			
	CHROMIUM	5		8	12	10			
	IRON	24		35	49	39			
	COPPER	18		24	30	26			
	LEAD	2114		2051	1935	2105	1494		
	TIN	2		3	4	4	2		
	MOLYBDENUM	1		2	1	3	4		
	NICKEL	7		10	10	13	13		
	MANGANESE	0		0	0	1	1		
	SILVER	0		0	0	0	0		
	TITANIUM	0		0	0	0	0		
	POTASSIUM	0		0	0	0	0		
	BORON	2		1	1	1	0		
	SILICON	12		21	18	33	40		
	SODIUM	2		1	1	1	2		
	CALCIUM	3		2	2	2	5		
	MAGNESIUM	1		1	1	1	2		
	PHOSPHORUS	1		2	2	2	3		
	ZINC	2		3	2	4	12		
	BARIUM	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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