



OIL REPORT

LAB NUMBER: H53264
 REPORT DATE: 5/25/2016
 CODE: 20/32

UNIT ID: N736YB
 CLIENT ID: 88231
 PAYMENT: CC: AmEx

UNIT	MAKE/MODEL: Continental IO-360-KB2	OIL TYPE & GRADE: Aeroshell 15W/50
	FUEL TYPE: Gasoline (Leaded)	OIL USE INTERVAL: 26 Hours
	ADDITIONAL INFO: Cessna R172K, Hawk S/N 288684-r	

CLIENT	JAMES CARLSON	PHONE: (978) 873-0507
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COMMENTS JAMES: This report isn't perfectly highlight-free, but it's about as close as you can get. The one highlight on the page was for the flashpoint, which read a little low and indicates that there was a trace of fuel present. A trace level isn't enough to cause or show any problems. In fact, if we're spending most of your report taking about a trace of fuel, you know you're doing okay. Metals look great, and although lead is a little higher than average, it's not bad. Insolubles and silicon show good oil and air filtration. Aside from a minor amount of fuel, this is another excellent report.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	26	UNIT / LOCATION AVERAGES	52				UNIVERSAL AVERAGES
	MI/HR on Unit	763		739				
	Sample Date	5/13/2016		9/8/2015				
	Make Up Oil Added	1 qt		1 qt				
ALUMINUM	4	5	6				6	
CHROMIUM	3	3	3				7	
IRON	38	42	45				35	
COPPER	2	3	3				4	
LEAD	4096	5287	6477				2858	
TIN	0	1	1				1	
MOLYBDENUM	2	2	2				1	
NICKEL	3	3	3				3	
MANGANESE	1	1	1				0	
SILVER	0	0	0				0	
TITANIUM	0	0	0				0	
POTASSIUM	0	1	1				1	
BORON	3	2	1				1	
SILICON	4	4	3				14	
SODIUM	2	2	2				2	
CALCIUM	1	2	2				41	
MAGNESIUM	1	1	0				1	
PHOSPHORUS	1157	1085	1013				917	
ZINC	6	6	5				8	
BARIUM	0	0	0				0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	86.7	82-105	94.3			
	cSt Viscosity @ 100°C	17.17	16.0-21.8	19.00			
	Flashpoint in °F	430	>440	445			
	Fuel %	0.5	<1.0	<0.5			
	Antifreeze %	-		-			
	Water %	0.0	<0.1	0.0			
	Insolubles %	0.3	<0.6	0.3			
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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