OIL REPORT

LAB NUMBER: H74659 **UNIT ID:** N116YX
REPORT DATE: 8/31/2016 **CLIENT ID:** 99182
CODE: 20/32 **PAYMENT:** CC: Visa

UNIT

MAKE/MODEL: Jabiru Aircraft Engine 3300
FUEL TYPE: Gasoline (Leaded)
ADDITIONAL INFO: Sonex Waiex S/N 001
OIL TYPE & GRADE: Phillips 66 Victory 100AW (AD)
OIL USE INTERVAL: 50 Hours

CLIENT

JOHN GILLIS
24866 BEN KELLY RD
ELBERT, CO 80106
PHONE:
FAX:
ALT PHONE:
EMAIL: fastj22@yahoo.com

COMMENTS

JOHN: This report is a good starting point for your Y-X. Typical wear we've seen out of the Jabiru 3300 is shown in the far right column, and that's for oil run just 25 hours. After putting 50 hours on this sample metals are all at good levels. Iron is actually a good deal lower than we expected, so the steel parts in this engine aren't making much metal at all. The 0.1% insolubles shows low blow-by levels and good oil filtration for the engine. The lead you see is mostly from fuel blow-by as well, and the 5984 ppm in this sample is normal for the oil change interval. Solid first report!

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	50							
MI/HR on Unit	300							
Sample Date	8/21/2016							
Make Up Oil Added	4 qts							
ALUMINUM	16	16						24
CHROMIUM	14	14						11
IRON	38	38						128
COPPER	12	12						12
LEAD	5984	5984						3748
TIN	4	4						3
MOLYBDENUM	1	1						1
NICKEL	4	4						2
MANGANESE	1	1						2
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	1	1						1
BORON	1	1						2
SILICON	13	13						12
SODIUM	2	2						2
CALCIUM	1	1						70
MAGNESIUM	5	5						5
PHOSPHORUS	878	878						672
ZINC	6	6						26
BARIUM	0	0						0

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	98.3	85-104					
cSt Viscosity @ 100°C	19.96	16.8-21.5					
Flashpoint in °F	470	>460					
Fuel %	<0.5	<1.0					
Antifreeze %	-						
Water %	0.0	0.0					
Insolubles %	0.1	<0.6					
TBN							
TAN							
ISO Code							

*** THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE**

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