



OIL REPORT

LAB NUMBER: P26053
 REPORT DATE: 1/5/2022
 CODE: 80/68

UNIT ID: N1428L
 CLIENT ID: 35185
 PAYMENT: CC Online

UNIT	MAKE/MODEL: Superior IO-360-B1AD2	OIL TYPE & GRADE: Aeroshell W100 (AD)
	FUEL TYPE: Gasoline (Leaded)	OIL USE INTERVAL: 23 Hours
	ADDITIONAL INFO: Lawrence Glasair, Glastar S/N 36F141736, Millenium Cyls	

CLIENT	JOHN LEGGATT	PHONE: (818) 855-9231
	431 SUNSHINE AVE	FAX:
	SEQUIM, WA 98382	ALT PHONE:
		EMAIL: jlinjpn@fastmail.fm

COMMENTS
 JOHN: You noted on the paperwork that the engine runs well with no anomalies, so it's really nice to get to send along a report that says the same. The wear metals are all comfortably steady compared to what we've come to expect from your engine, and that leaves us with no suspicion of trouble as of this latest sample date. No contamination turned up and the viscosity tested within range. Very nice!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	23	UNIT / LOCATION AVERAGES	27	19	37	UNIVERSAL AVERAGES
	MI/HR on Unit	310		234	174	117	
	Sample Date	9/16/2021		11/8/2020	10/14/2019	10/24/2018	
	Make Up Oil Added	0.5 qts		1 qt	0.4 qts	1.8 qts	
ALUMINUM	4	4	4	2	6	5	
CHROMIUM	10	10	12	6	10	11	
IRON	7	10	11	8	15	15	
COPPER	2	4	3	2	7	6	
LEAD	2008	2069	2155	1628	2484	2256	
TIN	2	1	1	0	1	1	
MOLYBDENUM	0	0	0	0	0	0	
NICKEL	1	1	1	1	1	1	
MANGANESE	0	0	0	0	0	0	
SILVER	0	0	0	0	0	0	
TITANIUM	0	0	0	0	0	0	
POTASSIUM	0	0	0	0	1	1	
BORON	1	0	0	0	0	1	
SILICON	3	5	4	5	6	7	
SODIUM	1	1	1	1	1	1	
CALCIUM	131	110	121	129	58	56	
MAGNESIUM	1	1	1	2	0	1	
PHOSPHORUS	104	197	107	143	434	271	
ZINC	8	8	8	11	5	7	
BARIUM	0	0	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	97.1	86-105	90.6	91.8	90.5
	cSt Viscosity @ 100°C	19.67	17.0-21.8	18.13	18.42	18.11
	Flashpoint in °F	500	>460	485	480	470
	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	0.3	0.3	0.4
	TBN					
	TAN					
	ISO Code					

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com