BLACKSTONE	
(LABORATORIES)	

Pratt & Whitney R-985

Gasoline (Leaded)

 LAB NUMBER:
 S081093

 REPORT DATE:
 7/10/2024

 CODE:
 63/88

OIL TYPE & GRADE:

OIL USE INTERVAL:

UNIT ID: N7805C-RH CLIENT ID: 213358 PAYMENT: CC Online

Aircraft Engine Oil

Hours

MAKE/MODEL: F FUEL TYPE: Gas ADDITIONAL INFO:

IENT

5

COMMENTS

ADDITIONAL INFO: Beech 18 Tradewind, S/N 7029 SCOTT HAGER ON CENTERLINE AVIATION 1700 BASSETT ST UNIT 2313 DENVER, CO 80202

PHONE: (720) 839-7652 FAX: ALT PHONE: EMAIL: SCOTT@ONCENTERLINE.NET

SCOTT: The sample from the left engine hasn't been processed, so at this point, we don't know what comments you're referring to on the oil slip. These results look pretty good, though. Even without knowing the oil change interval, we're not seeing any strong signs of trouble at 39.6 hours SMOH. Metals are at or well below universal average levels for an R-985, which are based on ~30-hour intervals. Silicon is likely from harmless sealers/lubes since this engine is fresh off an overhaul. No measurable water or fuel is present. The viscosity is in the 50W range. Seems good!

OIL

REPORT

	MI/HR on Oil					
	MI/HR on Unit	40				UNIVERSAL
	Sample Date	6/13/2024	AVERAGES			AVERAGES
	Make Up Oil Added		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
NC	ALUMINUM	3	3			6
Ĕ	CHROMIUM	1	1			6
	IRON	9	9			20
2	COPPER	6	6			8
Щ	LEAD	269	269			1331
┛	TIN	1	1			1
ГS	MOLYBDENUM	0	0			0
R.	NICKEL	0	0			1
Р	MANGANESE	0	0			0
Ζ	SILVER	0	0			0
	TITANIUM	0	0			0
É	POTASSIUM	0	0			1
Ш	BORON	2	2			0
M	SILICON	15	15			6
H	SODIUM	2	2			1
	CALCIUM	3	3			3
	MAGNESIUM	3	3			2
	PHOSPHORUS	5	5			37
	ZINC	2	2			2
	BARIUM	0	0			0

Values	
bould Bo*	

Should Be							
S	US Viscosity @ 210°F	99.9					
c	St Viscosity @ 100°C	20.34					
n Fl	lashpoint in °F	480	>430				
F	uel %	<0.5	<1.0				
ΎΑ	ntifreeze %	-					
N	/ater %	0.0	0.0				
Ç In	solubles %	0.3	<0.6				
T	BN						
T	AN						
IS	SO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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