OIL REPORT

LAB NUMBER: S072404 **UNIT ID:** 06 CAYMAN S
REPORT DATE: 6/20/2024 **CLIENT ID:** 41397
CODE: 20/1,430 **PAYMENT:** CC Online

UNIT

MAKE/MODEL: Porsche 3.4L H-6
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: Motul 300V 5W/50
OIL USE INTERVAL: 3,000 Miles

CLIENT

AMIR SADRI
[redacted]

PHONE: [redacted]
FAX:
ALT PHONE:
EMAIL: [redacted]

COMMENTS

AMIR: This is a good first report for your Cayman. Universal averages for Porsche's 3.4L flat-six engine show typical wear after about 3,500 miles of oil use. This oil was run almost as long, and wear metals are in good shape comparatively, so internal parts seem to be wearing like they should be. Silicon is a little bit high, but it seems like it's coming from a harmless source (as opposed to dirt), just because wear looks so good. It never hurts to check air filtration if you're in doubt, though. Trace fuel is harmless, and the TBN is strong. Try 5K miles next time.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	3,000							
MI/HR on Unit	8,000							
Sample Date	5/22/2024							
Make Up Oil Added	0.5 qts							
ALUMINUM	4	4						4
CHROMIUM	1	1						0
IRON	8	8						9
COPPER	4	4						6
LEAD	2	2						1
TIN	2	2						1
MOLYBDENUM	609	609						86
NICKEL	0	0						0
MANGANESE	0	0						1
SILVER	0	0						0
TITANIUM	0	0						1
POTASSIUM	0	0						2
BORON	20	20						131
SILICON	**18**	18						7
SODIUM	6	6						8
CALCIUM	1290	1290						2540
MAGNESIUM	719	719						109
PHOSPHORUS	1058	1058						898
ZINC	1145	1145						1011
BARIUM	0	0						0

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	81.3	66-89					
cSt Viscosity @ 100°C	15.85	11.9-18.0					
Flashpoint in °F	**385**	>385					
Fuel %	TR	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	0.0					
Insolubles %	0.1	<0.6					
TBN	6.9	>1.0					
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