OIL REPORT

LAB NUMBER: N16408 **UNIT ID:** CHRIS FLINT
REPORT DATE: 3/2/2021 **CLIENT ID:** 121493
CODE: 63/68 **PAYMENT:** CC: Visa

UNIT

MAKE/MODEL: Porsche 3.4L H-6 DFI
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: Model: Cayman
OIL TYPE & GRADE: 5W/40
OIL USE INTERVAL: Miles

CLIENT

MIKE POTOLICCHIO
TUNERS MOTORSPORTS
11510 WILES ROAD
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COMMENTS

MIKE: This Cayman's engine looks good in testing. We put up universal averages for the 3.4L H-6 for comparison, but let us know if that should be updated. Compared to averages for just about any kind of Porsche, though, metals would look good. If anything, lead stands out for being particularly low, suggesting the bearings are wearing really well or the engine has aluminum bearings. Either way, we like what we see. A trace of fuel was found and the viscosity tested a bit low, but neither is a sign of trouble. Mild fuel dilution like this is often temporary.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil								
MI/HR on Unit	118,000							
Sample Date	3/1/2021							
Make Up Oil Added								
ALUMINUM	5	4						4
CHROMIUM	0	0						0
IRON	13	10						9
COPPER	3	4						4
LEAD	0	1						2
TIN	2	2						1
MOLYBDENUM	71	47						94
NICKEL	0	0						0
MANGANESE	2	1						1
SILVER	0	0						0
TITANIUM	0	0						1
POTASSIUM	3	2						2
BORON	204	137						148
SILICON	4	4						4
SODIUM	4	3						6
CALCIUM	2741	2596						2658
MAGNESIUM	18	43						43
PHOSPHORUS	875	864						883
ZINC	960	953						989
BARIUM	0	0						0

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	**61.5**	65-78					
cSt Viscosity @ 100°C	**10.64**	11.6-15.3					
Flashpoint in °F	**375**	>375					
Fuel %	TR	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	0.0					
Insolubles %	0.2	<0.6					
TBN							
TAN							
ISO Code							

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