



OIL REPORT

LAB NUMBER: L19469
 REPORT DATE: 5/17/2019
 CODE: 20/685

UNIT ID: 00 911
 CLIENT ID: 133123
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Porsche 3.4L H-6	OIL TYPE & GRADE: Mobil 1 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 1,913 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS MICHAEL: We were able to run the flashpoint and viscosity tests this time and are pleased to pass on good results in both cases. The viscosity read in the expected range for 0W/40 oil, and the flashpoint was above the minimum value, implying that there's no measurable fuel dilution in the oil. No other contamination was found either, and the wear trends look very good. Metals tested quite low, and although some of this is thanks to your short oil run, it's also a good indication your engine is healthy too. The TBN was strong at 8.8 (1.0 or less shows too little active additive left).

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	1,913	UNIT / LOCATION AVERAGES	3,056				UNIVERSAL AVERAGES
	MI/HR on Unit	76,139		74,226				
	Sample Date	5/4/2019		10/3/2018				
	Make Up Oil Added	0 qts		0 qts				
ALUMINUM	3	3	3					4
CHROMIUM	0	0	0					1
IRON	4	5	6					9
COPPER	4	6	7					7
LEAD	0	0	0					2
TIN	0	0	0					1
MOLYBDENUM	65	70	74					87
NICKEL	0	0	0					0
MANGANESE	0	1	1					2
SILVER	0	0	0					0
TITANIUM	0	0	0					1
POTASSIUM	2	2	2					2
BORON	227	234	240					123
SILICON	3	4	5					7
SODIUM	4	6	7					10
CALCIUM	2602	2755	2908					2591
MAGNESIUM	16	20	24					86
PHOSPHORUS	811	860	909					904
ZINC	863	910	956					1030
BARIUM	0	0	0					0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	65.4	63-76	-			
	cSt Viscosity @ 100°C	11.71	11.1-14.8	SHORT			
	Flashpoint in °F	385	>375	SHORT			
	Fuel %	<0.5	<2.0	-			
	Antifreeze %	0.0	0.0	0.0			
	Water %	0.0	0.0	0.0			
	Insolubles %	0.1	<0.6	0.1			
	TBN	8.8	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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