



OIL REPORT

LAB NUMBER: [REDACTED]
 REPORT DATE: 6/21/2019
 CODE: [REDACTED]

UNIT ID: [REDACTED]
 CLIENT ID: [REDACTED]
 PAYMENT: CC: Visa (Bulk)

UNIT	MAKE/MODEL: Porsche 3.8L H-6 DFI	OIL TYPE & GRADE: Mobil 1 5W/50
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 6,375 Miles
	ADDITIONAL INFO: 2014 911 S	

CLIENT	[REDACTED]	PHONE: (606) [REDACTED]
	[REDACTED]	FAX: [REDACTED]
	[REDACTED]	ALT PHONE: [REDACTED]
	[REDACTED]	EMAIL: [REDACTED]

COMMENTS It's another fantastic report to add to the collection for your Porsche. Metals have hardly changed across the page, and that's downright impressive. Usually there are normal fluctuations of a ppm or two in metals as day-to-day use changes, but we've yet to see metals move at all, discounting the Nov. 2016 report. And the mild, 1-ppm changes in aluminum, lead, and tin back then can hardly be called momentous. That's a long way to say this engine is in superb shape, and that you're taking excellent care of it. No contaminants found either. Excellent!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	6,375	UNIT / LOCATION AVERAGES	6,105	5,161	5,899	5,553	5,896	UNIVERSAL AVERAGES
	MI/HR on Unit	66,427		60,051	53,946	48,785	42,866	37,333	
	Sample Date	6/14/2019		6/22/2018	6/1/2018	10/13/2017	7/13/2017	11/2/2016	
	Make Up Oil Added	0 qts		0 qts	0 qts	0 qts	0 qts	0 qts	
ALUMINUM	3	4	3	3	3	3	3	2	5
CHROMIUM	0	0	0	0	0	0	0	0	0
IRON	4	5	4	4	4	4	4	4	10
COPPER	1	2	1	1	1	1	1	1	7
LEAD	0	0	0	0	0	0	0	1	1
TIN	0	1	0	0	1	0	1	1	2
MOLYBDENUM	75	70	73	80	89	85	92	92	90
NICKEL	0	0	0	0	0	0	0	0	0
MANGANESE	0	1	0	0	0	0	0	0	2
SILVER	0	0	0	0	0	0	0	0	0
TITANIUM	0	0	0	0	0	0	0	0	0
POTASSIUM	2	3	3	2	2	1	2	2	3
BORON	217	161	198	222	195	174	178	178	154
SILICON	2	3	3	3	3	3	2	2	4
SODIUM	4	5	4	4	5	4	4	4	6
CALCIUM	2886	2982	2615	3008	3112	2919	3272	3272	2762
MAGNESIUM	20	55	17	20	24	23	29	29	27
PHOSPHORUS	938	936	916	949	970	904	988	988	883
ZINC	1032	1065	978	1035	1080	1045	1170	1170	998
BARIUM	0	0	0	0	0	0	0	0	0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°	79.2	70-86	77.7	75.3	75.8	81.5	75.0
	cSt Viscosity @ 100°C	15.32	12.9-17.3	14.95	14.32	14.47	15.90	14.26
	Flashpoint in °F	400	>390	405	430	385	390	415
	Fuel %	<0.5	<2.0	<0.5	<0.5	TR	TR	<0.5
	Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.1	<0.6	0.2	TR	TR	TR	0.2
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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