



OIL REPORT

LAB NUMBER:
 REPORT DATE: 6/8/2018
 CODE: 20/37

UNIT ID: 14 991S
 CLIENT ID:
 PAYMENT: Bulk CC

UNIT	MAKE/MODEL: Porsche 3.8L H-6 DFI	OIL TYPE & GRADE: Mobil 1 5W/50
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,161 Miles
	ADDITIONAL INFO: 2014 911 S	

CLIENT	PHONE
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS
 You'll be glad to know that this is another excellent report for your Porsche. You've been using about 5,000-6,000 miles on the oil for a good while now and that provides us with some really nice comparative looks from sample to sample. Metals are perfectly steady, just as you'd want to see, and there's nothing in these numbers that gives us any cause for concern regarding this engine. No contamination was found and the viscosity was fine. Great engine here!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,161	UNIT / LOCATION AVERAGES	5,899	5,553	5,896	5,215	6,016	UNIVERSAL AVERAGES
	MI/HR on Unit	53,948		48,785	42,886	37,333	31,437	28,222	
	Sample Date	6/1/2018		10/13/2017	7/13/2017	11/2/2016	8/3/2016	3/22/2016	
	Make Up Oil Added	0 qts		0 qts	0 qts	0 qts	0 qts	0 qts	
	ALUMINUM	3	4	3	3	2	2	5	5
	CHROMIUM	0	0	0	0	0	0	0	0
	IRON	4	6	4	4	4	4	5	10
	COPPER	1	3	1	1	1	1	3	9
	LEAD	0	0	0	0	1	0	1	1
	TIN	0	1	1	0	1	1	0	2
	MOLYBDENUM	80	59	89	85	92	83	80	99
	NICKEL	0	0	0	0	0	0	0	0
	MANGANESE	0	1	0	0	0	0	1	2
	SILVER	0	0	0	0	0	0	0	0
	TITANIUM	0	0	0	0	0	0	0	0
	POTASSIUM	2	3	2	1	2	2	0	3
	BORON	222	153	195	174	178	164	176	154
	SILICON	3	3	3	3	2	2	0	5
	SODIUM	4	5	5	4	4	4	4	6
	CALCIUM	3008	3024	3112	2919	3272	3031	3083	2773
	MAGNESIUM	20	61	24	23	29	53	114	29
	PHOSPHORUS	949	937	970	904	988	908	946	882
	ZINC	1035	1076	1080	1045	1170	1073	1144	1006
	BARIUM	0	0	0	0	0	0	0	0

Values Should Be*

PROPERTIES	75.3	70-86	75.8	81.5	75.0	84.2	81.3
SUS Viscosity @ 210°	75.3	70-86	75.8	81.5	75.0	84.2	81.3
cSt Viscosity @ 100°C	14.32	12.9-17.3	14.47	15.90	14.26	16.56	15.86
Flashpoint in °F	430	>390	385	390	415	410	385
Fuel %	<0.5	<2.0	TR	TR	<0.5	<0.5	TR
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 %	TR	<0.6	TR	TR	0.2	TR	TR
TBN							
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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