



OIL REPORT

LAB NUMBER: J33108 UNIT ID: 05 997 C2S
 REPORT DATE: 5/24/2017 CLIENT ID: 76423
 CODE: 20/558 PAYMENT: CC: Visa (Bulk)

UNIT	MAKE/MODEL: Porsche 3.8L H-6	OIL TYPE & GRADE: Joe Gibbs Driven DT40 5W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,000 Miles
	ADDITIONAL INFO: Supercharged	

CLIENT	PETE DOLFIS	PHONE: (864) 916-9163
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COMMENTS PETE: All is well for your Porsche. This latest report shows steady wear compared to last time, which is what a healthy engine should look like after using the same interval. Silicon was a bit high last time, but it dropped back here, so air filtration gets the thumbs up again. It was probably from a harmless sealer, lube, or maybe even additive in the oil last time. The TBN shows plenty of active additive left in the oil at 6.3 and the TAN shows mild acidity at 3.7. Oil filtration looks great with just 0.1% insolubles present. Excellent report as of 5/16/17, the sample date. Keep it up!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,000	UNIT / LOCATION AVERAGES	4,000	5,500	UNIVERSAL AVERAGES
	MI/HR on Unit	53,000		49,000	45,500	
	Sample Date	5/16/2017		2/5/2016	12/13/2014	
	Make Up Oil Added	0.5 qts		1 qt	0.5 qt	
ALUMINUM	2	2	2	5	5	
CHROMIUM	1	1	1	2	1	
IRON	8	7	7	10	9	
COPPER	3	3	3	4	8	
LEAD	0	1	1	0	4	
TIN	0	0	0	0	1	
MOLYBDENUM	14	6	2	3	75	
NICKEL	0	0	1	0	0	
MANGANESE	0	0	0	0	2	
SILVER	0	0	0	0	0	
TITANIUM	1	0	0	0	0	
POTASSIUM	0	2	0	6	2	
BORON	8	42	58	53	111	
SILICON	9	8	16	11	6	
SODIUM	4	7	7	5	9	
CALCIUM	2033	2425	2417	1147	2722	
MAGNESIUM	15	122	146	775	66	
PHOSPHORUS	988	981	911	913	913	
ZINC	1125	1114	998	936	1057	
BARIUM	0	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	66.7	65-78	67.9	66.0
	cSt Viscosity @ 100°C	12.07	11.6-15.3	12.40	11.89
	Flashpoint in °F	435	>385	400	420
	Fuel %	<0.5	<2.0	<0.5	<0.5
	Antifreeze %	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0
	Insolubles %	0.1	<0.6	TR	0.2
	TBN	6.3	>1.0	6.4	6.5
	TAN	3.7		3.9	4.0
	ISO Code				

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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