



# OIL REPORT

LAB NUMBER: H69814  
 REPORT DATE: 8/10/2016  
 CODE: 63/37

UNIT ID: 16 GT3 RS  
 CLIENT ID: 94447  
 PAYMENT: CC: MC (Bulk)

<b>UNIT</b>	MAKE/MODEL: Porsche 4.0L 24V DOHC H-6	OIL TYPE & GRADE: Mobil 1 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 675 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	PHONE: _____
	FAX: _____
	ALT PHONE: _____
	EMAIL: _____

**COMMENTS** JOE: Could you have gone longer on this oil? Maybe, but with wear metals already close to average values, it wasn't a bad idea to change the oil. This is a relatively new engine for Porsche, and as such, we haven't seen a lot of samples from them yet, so averages are still developing. Compared to the trend you've established so far, it's safe to say iron is a bit elevated for the interval, so some of it could show a bit more wear at steel parts, but it's nothing to be worried about. Only a trace of fuel was present and the viscosity was fine. Try ~1,300 miles again next.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	675	<b>UNIT / LOCATION AVERAGES</b>	1,266	2,308	2,075	<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	6,324		5,649	4,383	2,075	
	Sample Date	8/1/2016		6/19/2016	5/14/2016	4/2/2016	
	Make Up Oil Added	0.50 qts		1 qt	3 qts	0 qts	
ALUMINUM	8	11	10	15	12	8	
CHROMIUM	0	0	0	1	1	0	
IRON	11	12	12	14	11	11	
COPPER	6	13	10	22	41	11	
LEAD	0	0	0	0	0	1	
TIN	0	1	1	2	2	2	
MOLYBDENUM	81	78	79	75	81	164	
NICKEL	0	0	0	0	0	0	
MANGANESE	1	2	1	3	9	2	
SILVER	0	0	0	0	0	0	
TITANIUM	0	0	0	0	0	0	
POTASSIUM	3	4	3	5	7	3	
BORON	213	191	176	183	190	171	
SILICON	3	3	3	4	7	9	
SODIUM	5	5	4	5	5	6	
CALCIUM	3041	2806	2682	2695	2996	2792	
MAGNESIUM	18	16	14	17	17	26	
PHOSPHORUS	890	832	815	790	889	971	
ZINC	1055	977	928	947	1041	1124	
BARIUM	0	0	0	0	0	0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	63.3	63-76	60.5	61.9	68.0
	cSt Viscosity @ 100°C	11.15	11.1-14.8	10.36	10.74	12.42
	Flashpoint in °F	375	>375	330	350	345
	Fuel %	TR	<2.0	2.3	1.3	1.5
	Antifreeze %	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.1	<0.6	0.1	0.1	0.1
	TBN					
	TAN					
	ISO Code					

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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