



OIL REPORT

LAB NUMBER: H16553 UNIT ID: 09 CTTS
 REPORT DATE: 11/19/2015 CLIENT ID: 89695
 CODE: 20/685 PAYMENT: CC: AmEx

UNIT	MAKE/MODEL: Porsche 4.8L V-8 Twin Turbo	OIL TYPE & GRADE: Mobil 1 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,000 Miles
	ADDITIONAL INFO:	

CLIENT	[REDACTED]	PHONE: [REDACTED]
	[REDACTED]	FAX:
	[REDACTED]	ALT PHONE:
	[REDACTED]	EMAIL: [REDACTED]
	[REDACTED]	

COMMENTS CHIRAG: Amended to add oil use interval. This first sample from your Porsche is a good one. Universal averages show typical wear for this type of engine after ~8,500 miles on the oil. Metals look good compared to averages, so there's nothing here that looks like a problem after your 5,000-mile oil run. No fuel, water, or coolant contamination was found. The TBN was good at 4.7. Looking good! Add 2,000 miles to your next oil run -- you'll probably see a modest increase in iron with the longer run, but iron is fine here so a little more iron shouldn't be a problem for you. Nice!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	65,000						
	Sample Date	11/11/2015						
	Make Up Oil Added	1 qt						
ALUMINUM	4	4					5	
CHROMIUM	2	2					2	
IRON	17	17					19	
COPPER	4	4					5	
LEAD	0	0					0	
TIN	0	0					1	
MOLYBDENUM	78	78					64	
NICKEL	0	0					0	
MANGANESE	1	1					1	
SILVER	0	0					0	
TITANIUM	2	2					1	
POTASSIUM	2	2					4	
BORON	123	123					91	
SILICON	7	7					6	
SODIUM	3	3					11	
CALCIUM	3251	3251					2795	
MAGNESIUM	29	29					68	
PHOSPHORUS	943	943					875	
ZINC	1045	1045					1005	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	71.0	63-76				
	cSt Viscosity @ 100°C	13.21	11.1-14.8				
	Flashpoint in °F	380	>375				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.1	<0.6				
	TBN	4.7	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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