



OIL REPORT

LAB NUMBER: --
 REPORT DATE: 4/8/2014
 CODE: 20/34

UNIT ID: 14 991S
 CLIENT ID:
 PAYMENT:

UNIT	MAKE/MODEL: Porsche 3.8L H-6 DF1	OIL TYPE & GRADE: Mobil 1 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 1,286 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS
 Thanks for the note, and congratulations on your brand-new Porsche! The engine looks pretty good from our tests. We did find a little excess aluminum, but since this is the factory fill of oil, that's probably just from new parts wearing in. We'd bet that it will improve on its own next time. Universal averages for the 3.8L H-6 engine are based on ~4,700 miles of oil use, so it's good that most of your metals are below average levels on this shorter oil run. No contaminants were found, and the oil itself is in great shape. Check back next oil to see if aluminum improves.

ELEMENTS IN PARTS PER MILLION	Miles/Run Oil	1,286	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	Miles/Run Unit	1,286						
	Sample Date	04/01/14						
	Make Up Oil Added	0 qts						
ALUMINUM	10	10					5	
CHROMIUM	1	1					0	
IRON	9	9					11	
COPPER	7	7					14	
LEAD	0	0					1	
TIN	2	2					1	
MOLYBDENUM	76	76					76	
NICKEL	4	4					1	
MANGANESE	8	8					2	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	5	5					3	
BORON	200	200					147	
SILICON	6	6					4	
SODIUM	8	8					8	
CALCIUM	2897	2897					2887	
MAGNESIUM	16	16					39	
PHOSPHORUS	812	812					907	
ZINC	917	917					1026	
BARIIUM	1	1					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°	66.8	65-76				
	cSt Viscosity @ 100°C	12.10	11.6-14.8				
	Flashpoint in °F	430	375				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0				
	Water %	0.0	<0.1				
	Insolubles %	TR	<0.16				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE