OIL REPORT

LAB NUMBER: G79307 **UNIT ID:** 09 CAYENNE
REPORT DATE: 5/22/2015 **CLIENT ID:**
CODE: 63/75 **PAYMENT:**

UNIT

MAKE/MODEL: Porsche 4.8L V-8
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: GTS

OIL TYPE & GRADE: Mobil 1 0W/40
OIL USE INTERVAL: 5,650 Miles

CLIENT

MATT SHIMON

PHONE:
FAX:
ALT PHONE:
EMAIL:

COMMENTS

MATT: It looks like your Cayenne's V-8 made it through winter just fine and is ready to go for the rest of 2015 (and beyond). The flashpoint was normal this time, so no excess fuel was getting into the oil. That helped the viscosity get closer to the normal range for a 0W/40, but for now, that's still a little on the low side. It's possible this engine tends to shear oil down all by itself. Some engines are like that and when they are it's really not a problem, especially when wear looks as good as this. Regardless, we like how this engine is doing at 65,321 total miles.

ELEMENTS IN PARTS PER MILLION

			UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	5,650		5,815						
MI/HR on Unit	65,321		59,655						
Sample Date	5/17/2015		11/8/2014						
Make Up Oil Added									
ALUMINUM	4	4	4						5
CHROMIUM	1	1	1						1
IRON	12	12	12						15
COPPER	3	4	4						9
LEAD	0	0	0						1
TIN	1	1	0						1
MOLYBDENUM	79	73	66						78
NICKEL	0	1	1						1
MANGANESE	0	0	0						2
SILVER	0	0	0						0
TITANIUM	0	0	0						0
POTASSIUM	4	4	3						3
BORON	145	135	124						121
SILICON	3	4	4						6
SODIUM	3	5	6						7
CALCIUM	3172	2982	2791						2838
MAGNESIUM	29	26	23						41
PHOSPHORUS	911	875	839						872
ZINC	1172	1075	977						1018
BARIUM	0	0	0						0

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	**62.8**	65-76	**60.4**				
cSt Viscosity @ 100°C	**11.01**	11.6-14.8	**10.34**				
Flashpoint in °F	460	>375	**340**				
Fuel %	<0.5	<2.0	1.8				
Antifreeze %	0.0	0	0.0				
Water %	0.0	<0.1	0.0				
Insolubles %	0.2	<0.6	0.1				
TBN			6.5				
TAN							
ISO Code							

*** THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE**

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