OIL REPORT

Blackstone LABORATORIES

LAB NUMBER:	UNIT ID:
REPORT DATE: 3/22/2018	CLIENT ID:
CODE: 20/32	PAYMENT:

UNIT

EQUIP. MAKE/MODEL: Porsche 3.6L H-6	OIL TYPE & GRADE: Motul 8100 5W/40
FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,400 Miles
ADDITIONAL INFO: M96	

CLIENT

PHONE:
FAX:
ALT PHONE:
EMAIL:

COMMENTS

All is well for your Porsche based on these results. Wear metals bumped up a bit compared to last time, mainly due to the longer oil change interval. These numbers still look great next to universal averages, which you'll recall, are based on a shorter ~3,800-mile oil change interval. No mechanical issues stand out and the oil was free of harmful contamination like excess dirt, fuel, water, and coolant. The 0.1% insolubles show excellent oil filtration and the viscosity was spot on for 5W/40 oil. Just keep up the good work with this Porsche. It looks great to us!

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	5,400		4,000					
MI/HR on Unit	54,500		49,137	46,000				
Sample Date	3/10/2018		9/28/2017	6/30/2017				
Make Up Oil Added	0 qts		0 qts	0 qts				
ALUMINUM	3	4	2	6				4
CHROMIUM	1	1	1	1				1
IRON	12	10	8	11				10
COPPER	5	5	3	8				8
LEAD	2	2	0	3				3
TIN	0	0	0	1				1
MOLYBDENUM	0	3	0	9				78
NICKEL	0	0	0	0				1
MANGANESE	0	0	0	0				1
SILVER	0	0	0	0				0
TITANIUM	0	0	0	1				1
POTASSIUM	5	4	0	6				3
BORON	47	39	59	12				112
SILICON	7	7	10	5				7
SODIUM	4	4	3	6				10
CALCIUM	2387	2233	2436	1876				2551
MAGNESIUM	13	11	12	9				119
PHOSPHORUS	867	813	884	689				905
ZINC	916	896	993	779				1044
BARIUM	0	0	0	0				0

PROPERTIES

		Values Should Be*						
SUS Viscosity @ 210°F	66.0	65-78	68.0	**63.2**				
cSt Viscosity @ 100°C	11.87	11.6-15.3	12.42	**11.12**				
Flashpoint in °F	405	>385	420	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								
TAN								
ISO Code								

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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