



OIL REPORT

LAB NUMBER: K89369
 REPORT DATE: 1/29/2019
 CODE: 44/32

UNIT ID: PORSCHE
 CLIENT ID:
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Porsche 3.8L H-6	OIL TYPE & GRADE: Liqui Moly Leichtlauf 5W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,600 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE: _____
	FAX: _____
	ALT PHONE: _____
	EMAIL: _____

COMMENTS
 It's been a few years since we last saw your Porsche, so as a reminder, universal averages are based on oil run about 3,700 miles. Compared to those, you've got metals reading at pretty comparable levels, which is a good sign that there aren't any serious mechanical issues developing. The flashpoint indicates some fuel dilution is present, but a trace level is harmless and likely related to normal use, so it's no big deal. The viscosity is in spec for 5W/40, and insolubles (solids) at 0.2% point to excellent oil filtration. Nice report!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	2,600	UNIT / LOCATION AVERAGES	8,000				UNIVERSAL AVERAGES
	MI/HR on Unit	77,300		40,000				
	Sample Date	1/11/2019		12/25/2011				
	Make Up Oil Added	0.75 qts		1 qt				
ALUMINUM	5	5	4				5	
CHROMIUM	1	1	1				1	
IRON	7	11	15				9	
COPPER	6	12	18				8	
LEAD	1	2	3				3	
TIN	0	0	0				1	
MOLYBDENUM	1	33	65				77	
NICKEL	0	0	0				0	
MANGANESE	1	1	1				1	
SILVER	0	0	0				0	
TITANIUM	5	3	0				0	
POTASSIUM	1	1	0				2	
BORON	14	66	117				124	
SILICON	4	5	6				6	
SODIUM	4	6	8				8	
CALCIUM	2974	3008	3041				2708	
MAGNESIUM	20	39	57				53	
PHOSPHORUS	860	874	887				921	
ZINC	962	963	964				1048	
BARIUM	0	0	0				0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	68.1	65-78	65.2			
	cSt Viscosity @ 100°C	12.44	11.6-15.3	11.66			
	Flashpoint in °F	375	>375	370			
	Fuel %	TR	<2.0	TR			
	Antifreeze %	0.0	0.0	0.0			
	Water %	0.0	0.0	0.0			
	Insolubles %	0.2	<0.6	0.3			
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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