



OIL REPORT

LAB NUMBER: L77114

UNIT ID: 00 911

REPORT DATE: 11/18/2019

CLIENT ID: 133123

CODE: 20/685

PAYMENT: CC: Visa

UNIT

MAKE/MODEL: Porsche 3.4L H-6
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: Mobil 1 0W/40
OIL USE INTERVAL: 1,921 Miles

CLIENT

PHONE:
FAX:
ALT PHONE:
EMAIL:

COMMENTS

MICHAEL: The viscosity and flashpoint both tested a little low this time. The low flashpoint shows fuel dilution in the oil at about 1.3% of the sample. Maybe that's the reason for the thin viscosity, but with everything else about this report looking good, we're not terribly concerned. The fuel could be from idling or sampling after a brief start-up, for example, and as long as it stays below about 2.0%, it's usually nothing to worry about. The wear numbers all look great, so your engine didn't suffer on account of the fuel or thin viscosity. The TBN of 9.8 is very strong. Nice report!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	1,921	UNIT / LOCATION AVERAGES	1,913	3,056				UNIVERSAL AVERAGES
	MI/HR on Unit	78,060		76,139	74,226				
	Sample Date	11/9/2019		5/4/2019	10/3/2018				
	Make Up Oil Added	1 qt		0 qts	0 qts				
	ALUMINUM	3		3	3				
	CHROMIUM	0		0	0				
	IRON	5		4	6				
	COPPER	4		4	7				
	LEAD	1		0	0				
	TIN	0		0	0				
	MOLYBDENUM	69		65	74				
	NICKEL	0		0	0				
	MANGANESE	0		0	1				
	SILVER	0		0	0				
	TITANIUM	0		0	0				
	POTASSIUM	3		2	2				
	BORON	235		227	240				
	SILICON	4		3	5				
	SODIUM	4		4	7				
	CALCIUM	2754		2602	2908				
	MAGNESIUM	19		16	24				
	PHOSPHORUS	848		811	909				
	ZINC	907		863	956				
	BARIUM	0		0	0				

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	62.1	63-76	65.4	-		
	cSt Viscosity @ 100°C	10.81	11.1-14.8	11.71	SHORT		
	Flashpoint in °F	350	>375	385	SHORT		
	Fuel %	1.3	<2.0	<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	0.1	0.1		
	TBN	9.8	>1.0	8.8			
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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