



OIL REPORT

LAB NUMBER: N56721

UNIT ID: 06 911 4S

REPORT DATE: 6/28/2021

CLIENT ID: 152455

CODE: 20/68

PAYMENT: CC Online

UNIT	MAKE/MODEL: Porsche 3.6L H-6	OIL TYPE & GRADE: Liqui Moly Leichtlauf 5W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: KM
	ADDITIONAL INFO:	

CLIENT	XXXXXXXXXXXXXXXXXXXX	PHONE: (416) 232-5533
	XXXXXXXXXXXXXXXXXXXX	FAX:
	XXXXXXXXXXXXXXXXXXXX	ALT PHONE:
	TORONTO, ON M4Y 1J6 CANADA	EMAIL: space114@hotmail.com

COMMENTS MICHAEL: There's a touch more metal in this oil this time around, but these are still respectable wear numbers. If this oil was run longer than the last, then metals may have had longer to build up. That wouldn't necessarily explain why aluminum is now equivalent to iron, but maybe the engine is simply being used harder than it was back in 2019. In any case, no serious issues are evident based on these results. No coolant or fuel was detected, and the oil filter didn't struggle with minimizing the concentration of insolubles. Ceratec boosted molybdenum and boron. Nice!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil		UNIT / LOCATION AVERAGES	2,500					
	MI/HR on Unit								UNIVERSAL AVERAGES
	Sample Date	6/22/2021		11/5/2019					
	Make Up Oil Added			0 qts					
ALUMINUM	7	6	4						4
CHROMIUM	1	1	1						1
IRON	7	7	6						9
COPPER	7	6	5						7
LEAD	1	1	0						2
TIN	3	2	0						1
MOLYBDENUM	212	146	14						79
NICKEL	0	0	0						0
MANGANESE	1	1	1						1
SILVER	0	0	0						0
TITANIUM	1	1	1						1
POTASSIUM	1	1	1						3
BORON	279	191	15						123
SILICON	8	7	4						7
SODIUM	6	5	3						9
CALCIUM	2975	2894	2732						2550
MAGNESIUM	13	13	12						99
PHOSPHORUS	837	819	783						905
ZINC	942	928	900						1025
BARIUM	1	1	0						0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	72.0	65-78	68.9				
	cSt Viscosity @ 100°C	13.47	11.6-15.3	12.66				
	Flashpoint in °F	415	>375	400				
	Fuel %	<0.5	<2.0	<0.5				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	0.0	0.0				
	Insolubles %	0.2	<0.6	0.1				
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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