



# OIL REPORT

LAB NUMBER:  
 REPORT DATE: 7/19/2024  
 CODE: 20/88

UNIT ID:  
 CLIENT ID:  
 PAYMENT:

<b>UNIT</b>	EQUIP. MAKE/MODEL: Porsche 3.6L H-6	OIL TYPE & GRADE: Gasoline Engine Oil
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: KM
	ADDITIONAL INFO:	

<b>CLIENT</b>	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

**COMMENTS**  
 Aluminum is starting off high in this report. Compare to the universal averages, which show typical wear for a Porsche 3.6L flat-six engine after ~5,500 kilometers on the oil. Aluminum typically comes from the pistons or the cylinder liners in this engine. The other wear metals look okay, and if the engine runs well, let's just keep an eye on aluminum for now. No measurable contamination is present. We assumed that the 8.5 quarts of make-up oil listed is actually referring to the oil capacity, but if you're losing/adding that much oil between oil changes, let us know.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil		<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	158,883						
	Sample Date	6/2/2024						
	Make Up Oil Added	8.5 qts						
ALUMINUM	24	24					4	
CHROMIUM	1	1					0	
IRON	10	10					8	
COPPER	12	12					6	
LEAD	1	1					2	
TIN	0	0					1	
MOLYBDENUM	15	15					84	
NICKEL	0	0					0	
MANGANESE	0	0					1	
SILVER	0	0					0	
TITANIUM	0	0					1	
POTASSIUM	1	1					2	
BORON	321	321					126	
SILICON	10	10					7	
SODIUM	3	3					8	
CALCIUM	1769	1769					2510	
MAGNESIUM	33	33					125	
PHOSPHORUS	653	653					901	
ZINC	772	772					1016	
BARIUM	0	0					0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	60.0					
	cSt Viscosity @ 100°C	10.21					
	Flashpoint in °F	390	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.6				
	TBN						
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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