OIL REPORT

LAB NUMBER: P67090 **UNIT ID:** GT3RS
REPORT DATE: 4/29/2022 **CLIENT ID:** 200503
CODE: 20/698 **PAYMENT:** CC Online

UNIT

MAKE/MODEL: Porsche 4.0L 24V DOHC H-6
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:
OIL TYPE & GRADE: Mobil 1 0W/40
OIL USE INTERVAL: 4,000 Miles

CLIENT

ZACH PLY
4375 E CAROLINE LN
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COMMENTS

ZACH: This is a solid first report for your Porsche. Universal averages show a typical wear profile for the 4.0L H-6 model after about 2,100 miles of oil use, and the metals that turned up in your sample compare favorably, especially when you consider this oil was used almost twice as long. There might be a little residual wear-in still lingering too, since this engine is still young at 7K miles. If so, metals may come back lower next time, but we'd even be satisfied if they just show stability from here. The thin viscosity is fine, and the TBN was 4.8, so active additive hadn't run out. Nice!

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	4,000							
MI/HR on Unit	7,000							
Sample Date	4/19/2022							
Make Up Oil Added	0.50 qts							
ALUMINUM	13	13						8
CHROMIUM	1	1						0
IRON	20	20						10
COPPER	9	9						9
LEAD	0	0						3
TIN	1	1						1
MOLYBDENUM	74	74						101
NICKEL	0	0						0
MANGANESE	1	1						3
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	1	1						3
BORON	221	221						191
SILICON	5	5						5
SODIUM	4	4						5
CALCIUM	2092	2092						2439
MAGNESIUM	31	31						29
PHOSPHORUS	818	818						860
ZINC	916	916						962
BARIUM	0	0						0

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	**59.7**	63-76					
cSt Viscosity @ 100°C	**10.12**	11.1-14.8					
Flashpoint in °F	395	>385					
Fuel %	<0.5	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	0.0					
Insolubles %	0.1	<0.6					
TBN	4.8	>1.0					
TAN							
ISO Code							

*** THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE**

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