OIL REPORT

LAB NUMBER: [redacted] **UNIT ID:** [redacted]
REPORT DATE: 6/4/2021 **CLIENT ID:** [redacted]
CODE: [redacted] **PAYMENT:** CC: MC

UNIT

MAKE/MODEL: Porsche 3.8L H-6 DFI
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: 997.2
OIL TYPE & GRADE: Mobil 1 0W/40
OIL USE INTERVAL: 3,762 Miles

CLIENT

[redacted]
PHONE: [redacted]
FAX:
ALT PHONE:
EMAIL: [redacted]

COMMENTS

[redacted] This is another stellar set of results for your Porsche. Trends have settled in quite nicely since testing began, as metals continue to read at fairly low, steady levels across the board. The internal parts have clearly been getting along well together, so we're not seeing any signs of mechanical trouble developing. It was never really an issue in the past, but it's still worth pointing out that the viscosity is on spec for 0W/40 this time, meaning the oil didn't end up too thick or thin. The Mobil 1 also had plenty of additive left at the end, shown by the 4.7 TBN. Nice report!

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	3,762		3,804	3,263				
MI/HR on Unit	34,244		30,477	26,673				
Sample Date	5/21/2021		4/20/2020	4/28/2019				
Make Up Oil Added	0 qts		0 qts	0 qts				
ALUMINUM	3	2	2	2				5
CHROMIUM	0	0	0	0				0
IRON	7	7	7	7				9
COPPER	3	3	3	2				6
LEAD	0	0	0	0				1
TIN	0	0	1	0				1
MOLYBDENUM	68	64	64	60				92
NICKEL	0	0	0	0				0
MANGANESE	0	0	0	0				2
SILVER	0	0	0	0				0
TITANIUM	0	0	0	0				1
POTASSIUM	1	2	1	3				2
BORON	200	183	165	183				154
SILICON	3	2	2	2				4
SODIUM	4	5	6	4				6
CALCIUM	2698	2540	2419	2503				2718
MAGNESIUM	88	96	130	71				30
PHOSPHORUS	831	790	760	779				883
ZINC	901	857	835	836				988
BARIUM	0	0	0	0				0

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	63.5	63-76	**61.2**	**61.6**			
cSt Viscosity @ 100°C	11.21	11.1-14.8	**10.56**	**10.67**			
Flashpoint in °F	**375**	>375	**370**	385			
Fuel %	TR	<2.0	TR	<0.5			
Antifreeze %	0.0	0.0	0.0	0.0			
Water %	0.0	0.0	0.0	0.0			
Insolubles %	0.3	<0.6	0.2	0.2			
TBN	4.7	>1.0	4.5	4.7			
TAN							
ISO Code							

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

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