



OIL REPORT

LAB NUMBER: N65311 UNIT ID: 99 PORSCHE 996
 REPORT DATE: 7/22/2021 CLIENT ID: 119002
 CODE: 63/68 PAYMENT: CC: MC

UNIT	MAKE/MODEL: Porsche 3.4L H-6	OIL TYPE & GRADE: Motul 8100 X-Cess 5W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,216 Miles
	ADDITIONAL INFO:	

CLIENT	CHRIS MICKLER	PHONE: (352) XXX-XXXX
	10114 SW 38TH PL	FAX:
	GAINESVILLE, FL 32608	ALT PHONE:
		EMAIL: XXXXXXXXXXXX@gmail.com

COMMENTS CHRIS: It's another good review for your flat six. Metals are reading around their typical levels, showing no signs of mechanical trouble in the works. This engine is no stranger to traces of fuel here and there, so you know by now that's not apt to cause or show any problems. The viscosity is on the mark for Motul 8100 X-Cess 5W/40 and there aren't any indications of poor air or oil filtration in the current data (note low silicon and insolubles). With insolubles this low, you can be sure there aren't any issues in the combustion chamber either. Looking good at 138,742 miles!

ELEMENTS IN PARTS PER MILLION	UNIT / LOCATION AVERAGES		5,210	4,191	5,051	5,036	6,000	UNIVERSAL AVERAGES
	MI/HR on Oil	5,216	5,210	4,191	5,051	5,036	6,000	
	MI/HR on Unit	138,742	133,526	128,316	124,125	119,074	114,038	
Sample Date	7/5/2021		6/14/2020	10/8/2019	5/5/2019	9/9/2018	12/3/2017	
Make Up Oil Added	0 qts		0 qts	1 qt	1 qt	1 qt	1 qt	
	MOTUL 5W40		MOTUL 5W40	MOBIL 0W40	MOBIL 0W40	MOBIL 0W40	MOBIL 0W40	
ALUMINUM	2	3	3	3	3	4	3	4
CHROMIUM	1	1	1	0	1	1	1	1
IRON	10	9	9	6	7	8	11	9
COPPER	8	7	6	6	7	8	6	6
LEAD	1	0	0	0	0	0	0	2
TIN	1	0	0	0	0	0	0	1
MOLYBDENUM	5	51	18	66	68	76	71	88
NICKEL	0	0	0	0	0	0	0	0
MANGANESE	0	0	0	0	0	0	0	2
SILVER	0	0	0	0	0	0	0	0
TITANIUM	0	0	0	0	0	0	0	1
POTASSIUM	1	2	3	1	2	2	1	2
BORON	62	152	91	196	204	177	181	127
SILICON	5	5	4	4	4	4	6	7
SODIUM	4	5	6	6	4	4	5	9
CALCIUM	2566	2732	2721	2716	2865	2736	2786	2565
MAGNESIUM	16	17	18	19	18	14	17	85
PHOSPHORUS	881	873	917	824	860	862	891	901
ZINC	1015	984	1038	890	963	968	1029	1020
BARIUM	0	0	0	0	0	0	0	0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	66.4	65-78	67.4	62.1	65.9	65.1	64.3
	cSt Viscosity @ 100°C	11.99	11.6-15.3	12.25	10.80	11.86	11.63	11.42
	Flashpoint in °F	385	>385	380	370	385	380	375
	Fuel %	TR	<2.0	TR	TR	<0.5	<0.5	TR
	Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.1	<0.6	0.1	0.3	0.2	0.1	0.1
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com