



OIL REPORT

LAB NUMBER: S063751

UNIT ID: 05 CAYENNE TURBO

REPORT DATE: 5/31/2024

CLIENT ID: 110654

CODE: 20/88

PAYMENT: CC: MC

UNIT	MAKE/MODEL: Porsche 4.5L Twin Turbo V-8	OIL TYPE & GRADE: Quaker State 5W/40 Euro
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,176 Miles
	ADDITIONAL INFO:	

CLIENT	MICHAEL SKURICH	PHONE: (234) 347-0282
	9957 SOUTHWYCK AVENUE NORTH WEST	FAX:
	NORTH CANTON, OH 44720	ALT PHONE:
		EMAIL: corvetteboy6988@aol.com

COMMENTS MICHAEL: Thanks for letting us know you added a quart of HPL 40W to this Quaker State 5W/40. It's perfectly fine to mix different oils together, and the oil worked well. More than the other wear metals, iron (from steel parts) tends to read lower after shorter oil changes, and iron is appropriately low compared to previous reports. The other wear metals are also in good standing after this 2,176-mile oil change. The rate of oil consumption seems okay with 2 quarts being added over this interval, and no contamination issues were noted. Looks good!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	2,176	UNIT / LOCATION AVERAGES	3,990	4,029	4,500	5,109	UNIVERSAL AVERAGES
	MI/HR on Unit	101,808		97,360	81,514	64,961	50,385	
	Sample Date	4/27/2024		11/8/2023	2/22/2022	10/3/2019	5/16/2018	
	Make Up Oil Added	2 qts		6 qts	4 qts	4 qts		
ALUMINUM	6	5	6	6	3	6	5	
CHROMIUM	1	1	1	1	1	3	1	
IRON	12	22	22	18	23	36	16	
COPPER	3	4	5	4	3	5	9	
LEAD	1	1	1	1	2	2	2	
TIN	0	0	0	0	0	0	0	
MOLYBDENUM	114	59	58	86	14	21	84	
NICKEL	0	0	0	0	0	0	0	
MANGANESE	0	0	0	0	0	1	1	
SILVER	0	0	0	0	0	0	0	
TITANIUM	0	20	10	8	38	42	2	
POTASSIUM	1	2	3	0	3	5	5	
BORON	170	88	68	69	69	65	117	
SILICON	7	7	7	7	7	7	7	
SODIUM	4	4	4	5	3	4	7	
CALCIUM	1713	2368	2104	2521	2802	2699	2607	
MAGNESIUM	1065	293	331	11	17	43	164	
PHOSPHORUS	840	890	888	850	913	957	914	
ZINC	950	1024	1009	983	1092	1086	1038	
BARIUM	0	0	0	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	65.9	65-78	68.0	66.9	64.4	67.1
	cSt Viscosity @ 100°C	11.86	11.6-15.3	12.42	12.13	11.44	12.17
	Flashpoint in °F	410	>385	410	385	400	405
	Fuel %	<0.5	<2.0	<0.5	TR	<0.5	<0.5
	Antifreeze %	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
	Insolubles %	0.3	<0.6	0.3	0.2	0.2	0.1
	TBN						3.7
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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