



OIL REPORT

LAB NUMBER: Q07092

UNIT ID: 2021 FF 818

REPORT DATE: 8/16/2022

CLIENT ID: 115607

CODE: 20/698

PAYMENT: CC Online

UNIT	MAKE/MODEL: Subaru 2.5L (EJ25) 4-cyl Turbo	OIL TYPE & GRADE: Motul Sport 5W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,220 Miles
	ADDITIONAL INFO: Factory Five 818	

CLIENT	DAVID WEISS	PHONE: (925) 683-7331
	45 CLAYPOOL CT	FAX:
	DANVILLE, CA 94526	ALT PHONE: (925) 552-5395
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COMMENTS DAVID: The oil held up well to the temps you noted. The viscosity is normal and the 5.5 TBN shows active additive left. Chrome (rings), lead (bearings), iron and nickel (steel part such as cylinder/shafts) are metals to watch as the levels are high compared to universal averages. For these EJ25s, averages are based on a 3,600-mile run. If you recently made modifications or added any aftermarket parts then metals might be wear-in related with silicon from sealer. Or, silicon could be dirt - check for intake leaks and oil change then check back in 2k miles to compare.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	2,220	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	9,386						
	Sample Date	8/3/2022						
	Make Up Oil Added	1 qt						
ALUMINUM	7	7						4
CHROMIUM	3	3						1
IRON	15	15						9
COPPER	6	6						8
LEAD	9	9						2
TIN	2	2						1
MOLYBDENUM	44	44						77
NICKEL	15	15						0
MANGANESE	0	0						2
SILVER	0	0						1
TITANIUM	0	0						2
POTASSIUM	3	3						2
BORON	55	55						61
SILICON	23	23						10
SODIUM	7	7						22
CALCIUM	1698	1698						1845
MAGNESIUM	14	14						377
PHOSPHORUS	586	586						844
ZINC	666	666						987
BARIUM	0	0						0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	71.1	65-78				
	cSt Viscosity @ 100°C	13.25	11.6-15.3				
	Flashpoint in °F	435	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.6				
	TBN	5.5	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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