



OIL REPORT

LAB NUMBER: Q88721
 REPORT DATE: 3/24/2023
 CODE: 20/88

UNIT ID: 19 CX5 GTR
 CLIENT ID: 219286
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Mazda 2.5L SkyActiv-G I-4 Turbo	OIL TYPE & GRADE: Pennzoil Ultra Platinum 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: Miles
	ADDITIONAL INFO:	

CLIENT	[REDACTED]
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COMMENTS If we're reading your note right, the oil was drained into the pan and collected later, right? Maybe if the pan had been previously used for solvent/cleaner, residue from that is mimicking fuel in this test -- fuel lowers the flashpoint of the oil, the same way a solvent might, so we can't tell the difference between fuel/solvent contaminations. But if this is fuel from within the engine, then this is enough it could be a problem. It may have thinned the oil some. Metals look fine, but watch for signs of a fuel problem over the next run (like a rising oil level on the dipstick).

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	50,300							
	Sample Date	2/25/2023							
	Make Up Oil Added	5.2 qts							
ALUMINUM	1	1						3	
CHROMIUM	0	0						0	
IRON	8	8						8	
COPPER	0	0						4	
LEAD	0	0						0	
TIN	1	1						0	
MOLYBDENUM	267	267						97	
NICKEL	0	0						0	
MANGANESE	0	0						2	
SILVER	0	0						0	
TITANIUM	0	0						4	
POTASSIUM	0	0						2	
BORON	116	116						58	
SILICON	13	13						10	
SODIUM	4	4						8	
CALCIUM	1504	1504						1170	
MAGNESIUM	555	555						586	
PHOSPHORUS	746	746						685	
ZINC	882	882						782	
BARIUM	1	1						0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	51.5	56-63					
	cSt Viscosity @ 100°C	7.72	9.1-11.3					
	Flashpoint in °F	340	>385					
	Fuel %	2.3	<2.0					
	Antifreeze %	0.0	0.0					
	Water %	0.0	<0.1					
	Insolubles %	0.1	<0.6					
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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