



# OIL REPORT

LAB NUMBER:  
REPORT DATE: 2/17/2022  
CODE: 44/68

UNIT ID:  
CLIENT ID:  
PAYMENT: CC: MC

UNIT	MAKE/MODEL: Transmission Mazda Automatic	OIL TYPE & GRADE: Mazda ATF FZ
	FUEL TYPE:	OIL USE INTERVAL: 47,800 Miles
	ADDITIONAL INFO: CX-5	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS	Your Mazda's first transmission sample is up for comparison, and it's easy to spot the progress in this second report. Now, to be clear, nothing about the wear levels in the initial sample was bad. In fact, we commented about how impressed we were that metals were already so close to averages since wear-in was surely present back then. Some of that wear-in washed out when that oil was drained, though, which lead to the improvements seen below. The viscosity tested just mildly low, but like last time, that's not a serious concern. Nice report!
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	47,800	UNIT / LOCATION AVERAGES	51,000					UNIVERSAL AVERAGES
	MI/HR on Unit	98,800		51,000					
	Sample Date	2/6/2022		3/24/2018					
	Make Up Oil Added	0 qts							
	ALUMINUM	13	17	20					26
	CHROMIUM	0	1	1					1
	IRON	47	73	98					82
	COPPER	51	60	69					59
	LEAD	0	0	0					7
	TIN	3	3	3					3
	MOLYBDENUM	0	1	1					1
	NICKEL	0	0	0					1
	MANGANESE	1	3	4					3
	SILVER	0	0	0					0
	TITANIUM	0	0	0					0
	POTASSIUM	0	2	4					2
	BORON	62	55	47					75
	SILICON	15	26	36					25
	SODIUM	5	8	11					8
	CALCIUM	122	123	124					172
	MAGNESIUM	1	2	2					24
	PHOSPHORUS	286	279	272					345
	ZINC	6	7	8					55
	BARIUM	2	6	9					4

Values  
Should Be\*

PROPERTIES	SUS Viscosity @ 210°F	42.9	43-51	42.9				
	cSt Viscosity @ 100°C	5.08	5.1-7.9	5.08				
	Flashpoint in °F	355	>335	350				
	Fuel %	-		-				
	Antifreeze %	0.0		0.0				
	Water %	0.0	0.0	0.0				
	Insolubles %	TR	<0.1	0.0				
	TBN							
	TAN							
	ISO Code							

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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