



OIL REPORT

LAB NUMBER:
REPORT DATE: 4/20/2020
CODE: 44/68

UNIT ID:
CLIENT ID:
PAYMENT:

UNIT	EQUIP. MAKE/MODEL:	Transmission Mazda Automatic	OIL TYPE & GRADE:	Mazda ATF FZ
	FUEL TYPE:		OIL USE INTERVAL:	71,037 Miles
	ADDITIONAL INFO:			

CLIENT	PHONE:	
	FAX:	
	ALT PHONE:	
	EMAIL:	

COMMENTS	This is a nice first sample from your CX5's transmission. Universal averages show typical wear after about 35,000 miles on the oil, and you kept this oil in use twice as long and still got mostly average numbers. Aluminum is a little high, but it's probably just wear-in material. In fact, most of the metal in this sample is from the initial wear-in process, and now that you changed the oil, most of the wear-in material should wash out nicely. The viscosity is a little low and so is the flashpoint, but neither is a big concern for this type of system. This unit is off to a great start!
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	71,037	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR on Unit	71,037								
	Sample Date	4/11/2020								
	Make Up Oil Added	0 qts								
	ALUMINUM	61								
	CHROMIUM	1								
	IRON	113								
	COPPER	90								
	LEAD	1								
	TIN	3								
	MOLYBDENUM	1								
	NICKEL	1								
	MANGANESE	4								
	SILVER	0								
	TITANIUM	0								
	POTASSIUM	4								
	BORON	47								
	SILICON	30								
	SODIUM	10								
	CALCIUM	124								
	MAGNESIUM	1								31
	PHOSPHORUS	248								366
	ZINC	12								69
	BARIUM	10								4

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	42.4	43-51					
	cSt Viscosity @ 100°C	4.91	5.1-7.9					
	Flashpoint in °F	325	>335					
	Fuel %	-						
	Antifreeze %	0.0						
	Water %	0.0	0.0					
	Insolubles %	TR	<0.1					
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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