



# OIL REPORT

LAB NUMBER:  
 REPORT DATE: 4/22/2021  
 CODE: 20/68

UNIT ID: 19 OUTBACK-TR  
 CLIENT ID:

<b>UNIT</b>	MAKE/MODEL: Transmission Subaru CVT	OIL TYPE & GRADE: CVT Fluid
	FUEL TYPE:	OIL USE INTERVAL: 53,075 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	
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**COMMENTS** JOE: Copper made nice progress since the 2/8/20 sample. Some of the copper that remains may still be residual from wear-in, since only a partial drain and fill was performed - we should find further reductions in the future. Likewise, higher iron may show normal wear build up (from a slightly longer oil run, and iron leftover from the last sample). We'll watch how it trends, but it doesn't look particularly concerning at this time. The oil's viscosity was typical of CVT Fluid and no water or insolubles were found. This transmission seems on the right track at 103,000 miles.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	53,075	UNIT / LOCATION AVERAGES	49,925					
	MI/HR on Unit	103,000		49,925					UNIVERSAL AVERAGES
	Sample Date	4/3/2021		2/8/2020					
	Make Up Oil Added								
ALUMINUM	16	16	16	16					16
CHROMIUM	0	0	0	0					0
IRON	74	63	51	51					59
COPPER	39	48	56	56					19
LEAD	0	0	0	0					0
TIN	1	1	0	0					1
MOLYBDENUM	0	0	0	0					2
NICKEL	0	0	0	0					0
MANGANESE	2	3	3	3					3
SILVER	0	1	2	2					0
TITANIUM	0	0	0	0					0
POTASSIUM	0	2	3	3					2
BORON	162	174	186	186					111
SILICON	64	68	71	71					63
SODIUM	5	6	6	6					5
CALCIUM	291	295	299	299					250
MAGNESIUM	3	2	1	1					3
PHOSPHORUS	690	655	619	619					626
ZINC	11	10	8	8					20
BARIUM	3	5	6	6					4

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	46.0	42-51	51.1				
	cSt Viscosity @ 100°C	6.04	4.8-7.9	7.61				
	Flashpoint in °F	380	>335	390				
	Fuel %	-		-				
	Antifreeze %	-		-				
	Water %	0.0	0.0	0.0				
	Insolubles %	0.0	<0.1	TR				
	TBN							
	TAN							
	ISO Code							

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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