



# OIL REPORT

LAB NUMBER: G41780      UNIT ID: 04 BEAVER MH-T  
 REPORT DATE: 10/28/2014      CLIENT ID: 68155  
 CODE: 20/75      PAYMENT: CC: Visa

<b>UNIT</b>	MAKE/MODEL: Transmission Allison 3000	OIL TYPE & GRADE: Transynd - ATF
	FUEL TYPE:	OIL USE INTERVAL: 60,000 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	WILLIAM SPRAGUE	PHONE: (253) 312-1075
	1204 23RD AVE UNIT B3	FAX:
	MILTON, WA 98354	ALT PHONE:
		EMAIL: bsprague@att.net

**COMMENTS** BILL: We marked aluminum last time because it was a little higher than average, but we must have been feeling picky that day. This is the same oil we saw last time, just with another 10,000 miles on it, and aluminum only went up by one ppm, which is fine. It's not a problem at all. Neither is lead - it only increased by 8 ppm. If you want to leave this fill in place another 10,000 miles, that should be fine. All wear will keep slowly increasing, but and no insolubles or contamination was present, so the oil seems to be in good shape overall. Nice transmission.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	60,000	<b>UNIT / LOCATION AVERAGES</b>	50,000				<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	118,000		104,500				
	Sample Date	10/20/14		12/20/13				
	Make Up Oil Added							
ALUMINUM	9	9	8					5
CHROMIUM	0	0	0					0
IRON	62	61	60					40
COPPER	8	8	8					13
LEAD	69	65	61					22
TIN	4	2	0					1
MOLYBDENUM	0	0	0					1
NICKEL	3	2	0					0
MANGANESE	1	1	1					1
SILVER	0	0	0					0
TITANIUM	0	0	0					0
POTASSIUM	2	2	2					4
BORON	108	111	114					100
SILICON	4	4	4					5
SODIUM	11	8	5					7
CALCIUM	27	29	30					107
MAGNESIUM	1	1	1					2
PHOSPHORUS	278	285	291					289
ZINC	22	22	22					32
BARIUM	1	1	1					1

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	49.9	45-53	49.6				
	cSt Viscosity @ 100°C	7.24	5.7-8.5	7.15				
	Flashpoint in °F	450	>335	SHORT				
	Fuel %	-		-				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	<0.1	0.0				
	Insolubles %	0.0	<0.1	TR				
	TBN							
	TAN							
	ISO Code							

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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