



OIL REPORT

LAB NUMBER: H37334
REPORT DATE: 3/11/2016
CODE: 63/32

UNIT ID: 10 E450 TRANS
CLIENT ID: 92822
PAYMENT: CC: Visa

UNIT	MAKE/MODEL:	Transmission Ford Automatic	OIL TYPE & GRADE:	Mercon LV ATF
	FUEL TYPE:		OIL USE INTERVAL:	40,600 Miles
	ADDITIONAL INFO:			

CLIENT	RAMBLER GUY			
	SUNSEEKER 3100 / E450			

COMMENTS	Thanks for the notes. Universal averages show typical wear for similar Ford transmissions with oil run about 30,000 miles. You've gone longer than that and all wear metals are lower than average, so it looks like the transmission has been handling the towing well, and there's nothing here that would point to a problem. The viscosity read within spec for ATF, but insolubles are right at our 0.1% limit, showing some excess solid material, which can lend abrasiveness to the oil. A drain and fill should clean that up, so that would be our suggestion. Still a great first report.
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	40,600	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	40,600							
	Sample Date	3/2/2016							
	Make Up Oil Added								
	ALUMINUM	15	15						12
	CHROMIUM	0	0						0
	IRON	87	87						93
	COPPER	69	69						108
	LEAD	2	2						33
	TIN	0	0						4
	MOLYBDENUM	0	0						1
	NICKEL	3	3						3
	MANGANESE	28	28						5
	SILVER	0	0						0
	TITANIUM	0	0						0
	POTASSIUM	2	2						4
	BORON	62	62						92
	SILICON	13	13						13
	SODIUM	6	6						12
	CALCIUM	128	128						261
	MAGNESIUM	1	1						8
	PHOSPHORUS	193	193						266
	ZINC	11	11						46
	BARIUM	1	1						7

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	46.2	43-51				
	cSt Viscosity @ 100°C	6.11	5.1-7.9				
	Flashpoint in °F	405	>335				
	Fuel %	-					
	Antifreeze %	0.0					
	Water %	0.0	0.0				
	Insolubles %	0.1	<0.1				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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