



OIL REPORT

LAB NUMBER: J01636 UNIT ID: 03 TL-T
 REPORT DATE: 12/29/2016 CLIENT ID: 83728
 CODE: 20/32 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Transmission Honda Automatic	OIL TYPE & GRADE: Honda DW-1
	FUEL TYPE:	OIL USE INTERVAL: 17,000 Miles
	ADDITIONAL INFO: Type S	

CLIENT	FRANK J NEUNDORFER	PHONE: (410) 456-4911
	2812 EAST NORTHERN PARKWAY	FAX:
	BALTIMORE, MD 21214	ALT PHONE:
		EMAIL: mb85300cd@yahoo.com, frankjnjr@yahoo.com

COMMENTS FRANK: Thanks for the note about the "Shudder Fix" additive. It doesn't look like that stuff contains anything unusual since these additives are similar to what we typically see from Honda DW-1 oil, and that's fine. Did it help anything on your end? This run was a little longer than the last, so the extra iron is okay. The increase at aluminum shows a little more torque converter or oil pump wear, but not enough for us to call a problem. If you're having issues, maybe the increase at aluminum provides a clue. From what we see, all is well. Just check back next time to monitor.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	17,000	UNIT / LOCATION AVERAGES	10,000				UNIVERSAL AVERAGES
	MI/HR on Unit			208,000				
	Sample Date	12/1/2016		5/1/2015				
	Make Up Oil Added							
ALUMINUM	37	26	14					29
CHROMIUM	0	0	0					1
IRON	20	15	10					71
COPPER	5	4	2					12
LEAD	0	0	0					2
TIN	0	0	0					1
MOLYBDENUM	0	0	0					1
NICKEL	0	0	0					0
MANGANESE	0	0	0					1
SILVER	2	1	0					0
TITANIUM	0	0	0					0
POTASSIUM	5	3	0					3
BORON	279	276	273					236
SILICON	8	7	5					10
SODIUM	3	3	2					7
CALCIUM	382	371	359					343
MAGNESIUM	231	222	213					186
PHOSPHORUS	121	94	66					123
ZINC	438	383	328					286
BARIUM	0	0	0					3

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	45.3	41-49	47.0			
	cSt Viscosity @ 100°C	5.81	4.5-7.3	6.35			
Flashpoint in °F	380	>330	350				
Fuel %	-	<0.0	-				
Antifreeze %	0.0		0.0				
Water %	0.0	<0.1	0.0				
Insolubles %	TR	<0.1	0.0				
TBN							
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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