



OIL REPORT

LAB NUMBER: G47657

UNIT ID: 13 RAM 3500-T

REPORT DATE: 12/1/2014

CLIENT ID: 78300

CODE: 20/75

PAYMENT: CC: Visa

UNIT

MAKE/MODEL: Transmission Aisin-Warner AS68RC
FUEL TYPE: AS69RC
ADDITIONAL INFO:

OIL TYPE & GRADE: Auto Transmission Fluid
OIL USE INTERVAL: 9,000 Miles
8QT-15K on the factory fluid

CLIENT

TODD WESTPHAL
T&C DIESEL

PHONE: (763) 228-7121

FAX:

ALT PHONE:

EMAIL: todd@tcdiesel.com

COMMENTS

TODD: You listed this transmission as an Aisin 69, but based on our research, the AS68RC was the available Aisin transmission option for the 2013 Ram 3500. Universal averages show typical wear for this type of transmission after about 61,500 miles of oil use. Since this oil has only been in place for 9000 miles, we're not surprised to find metals so low. In fact, most of this material is from the wear-in process, so if you use the same interval next time, you might find some mild improvements. No water or oxidized solids were found. Check back next time to build trends.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	9,000	UNIT / LOCATION AVERAGES	15K on factory Fluid				UNIVERSAL AVERAGES
	MI/HR on Unit	9,000		13.5 QT	Run and drain	Filter		
	Sample Date	11/22/14						
	Make Up Oil Added							
	ALUMINUM	6	6					12
	CHROMIUM	0	0					0
	IRON	23	23					71
	COPPER	5	5					49
	LEAD	0	0					32
	TIN	0	0					3
	MOLYBDENUM	0	0					7
	NICKEL	0	0					1
	MANGANESE	0	0					7
	SILVER	0	0					0
	TITANIUM	0	0					0
	POTASSIUM	2	2					1
	BORON	55	55					84
	SILICON	6	6					22
	SODIUM	4	4					7
	CALCIUM	124	124					307
	MAGNESIUM	1	1					6
	PHOSPHORUS	281	281					363
	ZINC	4	4					36
	BARIUM	3	3					3

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	46.0	42-51				
	cSt Viscosity @ 100°C	6.04	4.8-7.9				
	Flashpoint in °F	405	>335				
	Fuel %	-					
	Antifreeze %	-					
	Water %	0.0	<0.1				
	Insolubles %	0.0	<0.1				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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