



Unit ID: 2014 RAM ENGINE
 Client ID: S16127EX NATE MASON JR
 Unit Type: DIESEL ENGINE
 Unit Make: DODGE
 Unit Model: RAM 3500
 Component Make: NONE GIVEN
 Component Model: NONE GIVEN
 Year: 2014
 Lube Type: MOBIL DELVAC 1300
 Grade: 15W/40
 Capacity:
 Oil Changed:

ATTENTION CODE:

Normal

Condition Monitoring Report

REMARKS	*WEAR AND CONTAMINATION LEVELS APPEAR NORMAL. NO CORRECTIVE ACTION IS INDICATED BY TESTS PERFORMED. CONTINUE NORMAL OEM MAINTENANCE & SAMPLE INTERVALS. CHANGE FROM SCHAEFFER TO MOBIL DELVAC 1300 OIL NOTED	ATTENTION CODES																																				
		<table border="0"> <tr> <td>AAA</td><td>Acceptable</td> <td>NNN</td><td>Negative</td> </tr> <tr> <td>!!!</td><td>Critical</td> <td>DDD</td><td>Critical - Below</td> </tr> <tr> <td>EEE</td><td>Excessive</td> <td></td><td></td> </tr> <tr> <td>***</td><td>Severe</td> <td>MMM</td><td>Moderate</td> </tr> <tr> <td>CCC</td><td>Severe - Below</td> <td></td><td></td> </tr> <tr> <td>===</td><td>Caution</td> <td>BBB</td><td>Caution - Below</td> </tr> <tr> <td>---</td><td>Slightly Above Normal</td> <td></td><td></td> </tr> <tr> <td>LLL</td><td>Slightly Below Normal</td> <td></td><td></td> </tr> <tr> <td>TTT</td><td>Trend</td> <td></td><td></td> </tr> </table>	AAA	Acceptable	NNN	Negative	!!!	Critical	DDD	Critical - Below	EEE	Excessive			***	Severe	MMM	Moderate	CCC	Severe - Below			===	Caution	BBB	Caution - Below	---	Slightly Above Normal			LLL	Slightly Below Normal			TTT	Trend		
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ASTM D6595 (PPM) WEAR METALS										MULTISOURCE								ADDITIVES					
IRON	CHROMIUM	LEAD	COPPER	TIN	ALUMINUM	NICKEL	SILVER	CADMIUM	VANADIUM	SILICON	BORON	SODIUM	POTASSIUM	MAGNESIUM	TITANIUM	MOLYBDENUM	MANGANESE	LITHIUM	ANTIMONY	CALCIUM	PHOSPHORUS	ZINC	BARIUM
Lab #: 871870 Dt Tkn: 11/20/2018 Dt Recd: 11/26/2018 HrO: HrU: MiO: 12710 MiU: 101002 Make Up Oil: 1 qts																							
39	1	1	1	0	34	1	0	0	0	7	28	5	57	463	0	36	1	0	0	1484	1042	978	0
Lab #: 787066 Dt Tkn: 2/1/2018 Dt Recd: 2/6/2018 HrO: HrU: MiO: 14188 MiU: 88240 Make Up Oil: 0 qts																							
46	1	4	3	0	25	1	0	0	0	3	10	5	53	774	0	37	1	0	14	915	1116	1134	0

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AN / BN (mg KOH/g)		VISCOSITY ASTM D445			CONTAMINANTS					FTIR - abs units	
Acid Number	Base Number	VISC 40c cSt	VISC 100c cSt	VISC INDEX	%WATER	KFISCH (PPM)	FUEL (FTIR/ASTM D7094)	GLYC (ASTM D2982)	SOOT (ASTM D7844)	OXI (ASTM D7414)	NIT (ASTM D7624)
a = ASTM D974 b=ASTM D664	a = Lab Method WI-038 b = ASTM D4739 c = ASTM D2896*				a = Crackle Test k = ASTM D6304a v = ASTM D6304b* o = ASTM D6304c r=Refractometer*						
871870	5.67 (b)		14.17		< 0.1 (a)				0.56	23.11	0
787066	6.18 (a)		14.17		< 0.1 (a)			N NNN	0.46	17	0.45

PARTICLE COUNT ISO 4406 - Particles per mL							
	>4(c)	>6(c)	>14(c)	>21(c)	>38(c)	>70(c)	ISO
871870	0	0	0	0	0	0	//
787066	0	0	0	0	0	0	//

Reviewed and Approved by: JC

Jared Carbaugh, Analyst

Report Date: 11-28-2018

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