

Account Information	Component Information	Sample Information
Account Number: Company Name: Contact: Address: Phone Number:	Component ID: BLUE 10 E Secondary ID: Component Type: DIESEL ENGINE Manufacturer: DODGE Model: 3500 Application: AUTOMOTIVE Sump Capacity: 3 gal	Tracking Number: 10175W02644 Lab Number: I-197129 Lab Location: Indianapolis Data Analyst: FLG Sampled: 26-Jan-2013 Submitted: 28-Jan-2013 Received: 31-Jan-2013 Completed: 01-Feb-2013
Filter Information	Miscellaneous Information	Product Information
Filter Type: FULLFLOW Micron Rating: 15	Miscellaneous: Mailed 26 Jan 13	Product Manufacturer: AMSOIL Product Name: DME PREMIUM API CJ-4 SYNTHETIC Viscosity Grade: SAE 15W40
Comments	Data indicates no abnormal findings. Resample at normal interval. Oil is suitable for continued use.	

	Wear Metals (ppm)										Contaminant Metals (ppm)			Multi-Source Metals (ppm)						Additive Metals (ppm)				
Sample #	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorous	Zinc
1	53	1	0	12	77	0	0	0	0	0	11	6	61	0	36	2	1	0	19	923	762	0	865	1044
2	75	2	0	22	31	0	0	0	0	0	11	8	83	0	40	1	1	0	22	964	726	0	885	1105
3	27	1	0	4	4	0	0	0	0	0	7	6	9	0	38	0	0	0	28	1034	739	0	979	1136
4	62	2	0	14	5	0	0	0	0	0	10	8	49	0	38	0	0	0	21	1001	734	0	936	1140
5	22	0	0	6	1	1	1	0	0	0	4	7	15	0	42	0	0	0	40	1108	765	0	1008	1172

Sample Information								Contaminants			Fluid Properties					
Sample #	Date Sampled	Date Received	Lube Time	Unit Time	Lube Change	Lube Added	Filter Change	Fuel Dilution	Soot	Water	Viscosity 40°C	Viscosity 100 °C	Acid Number	Base Number	Oxidation	Nitration
			mi	mi				% Vol	% Vol	% Vol	cSt	cSt	mg KOH/g	mg KOH/g	abs/cm	abs/0.1 mm
1	19-Oct-2010	26-Oct-2010	10214	17964	Yes		Yes	<1 - Estimate	0.5 - FTIR	<.1 - FTIR		14.1		5.98	26	20
2	20-Apr-2011	04-May-2011	12386	30350	No		No	3.3 - GC	0.9 - FTIR	<.1 - FTIR		13.1		3.91	36	30
3	07-Oct-2011	12-Oct-2011	6152	39890	No		No	<1 - Estimate	0.6 - FTIR	<.1 - FTIR		13.6		5.55	39	26
4	07-Jan-2012	19-Jan-2012	11672	45410	No		No	3.3 - GC	1.0 - FTIR	<.1 - FTIR		12.8		4.11	43	35
5	26-Jan-2013	31-Jan-2013	9561	67970	No		No	<1 - Estimate	0.1 - FTIR	<.1 - FTIR		14.6		6.72	22	9

	Particle Count (particles/mL)										Additional Testing				
Sample #	ISO Code Based On 4/6/14	> 4 µm	> 6 µm	> 10 µm	> 14 µm	> 21 µm	> 38 µm	> 70 µm	> 100 µm	Test Method					
1	//														
2	//														
3	//														
4	//														
5	//														