

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
<div>████████████████████ ████████████████████ ████████████████████ ████████████████████ ████████████████████ ████████████████████</div>		Component ID: CASE 1150B E		Tracking Number: 12270A01949	
		Secondary ID: TRACK LOADER		Lab Number: I-508657	
		Component Type: DIESEL ENGINE		Lab Location: Indianapolis	
		Manufacturer: CASE		Data Analyst: JUK	
		Model: 1150 B		Sampled: 15-Jan-2013	
		Application: UNKNOWN		Received: 23-Jul-2013	
		Sump Capacity: 12 qt		Completed: 26-Jul-2013	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: FULLFLOW Micron Rating: 15				Product Manufacturer: AMSOIL Product Name: DME PREMIUM API CJ-4 SYNTHETIC Viscosity Grade: SAE 15W40	
Comments	Check for source of FUEL LEAK (injectors, lines etc.). Fuel is at a SEVERE LEVEL; Tin is at a MINOR LEVEL; Silicon is at a MINOR LEVEL; SILICON sources can be abrasives (dirt, Alumina Silica), seals and gasket material, lube additive or lube supplement, and/or environmental contaminant; Iron is at a MINOR LEVEL; IRON SOURCE in engines can be cylinder liners, iron pistons, hardened steel camshafts, crankshafts, gears, hardened rocker arms, valve bridges, alloyed steel cam follower rollers, etc.; Silver Possibly from solder; Lubricant and filter change acknowledged; Your note was taken into consideration;				

	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	88	4	1	10	12	16	9	2	3	0	24	6	8	0	0	0	1	0	23	10	2311	0	966	1167

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		qt		% Vol	% Vol	% Vol	cSt	cSt	mg KOH/g	mg KOH/g	abs/cm	abs/0.1 mm
1	15-Jan-2013	23-Jul-2013	0	5573	Yes	0	Yes	9.0 - GC	<.1	<.1 - FTIR		12.7		6.21	17	12

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	//										

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Missing fluid or component information limits the evaluation. No warranty is expressed or implied.

Historical  
Comments