

0	1	2	3	4
NORMAL		ABNORMAL		CRITICAL

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: OILANA-7501-8864 Company Name: ALBERT L. BELL Contact: Address: P.O. BOX 4001 SAN N. ANGELO, TX 76902 US Phone Number: 940-389-3129		Component ID: 512 Secondary ID: 2012 Peterbilt 386 Component Type: DIESEL ENGINE Manufacturer: CUMMINS Model: ISX Application: O-T-R TRUCKING Sump Capacity: 46 qt		Tracking Number: 16099J00410 Lab Number: I-521896 Lab Location: Indianapolis Data Analyst: FLG Sampled: 03-Jul-2016 Submitted: 05-Jul-2016 Received: 11-Jul-2016 Completed: 11-Jul-2016	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: BYPASS Micron Rating: 1				Product Manufacturer: Information Requested Product Name: Information Requested Viscosity Grade: Information Requested	
Comments	Data indicates no abnormal findings. Resample at normal interval. Lubricant and filter change acknowledged. Please provide missing lubricant information. Manufacturer, product name, and viscosity grade are needed to properly evaluate data.				

Sample #	Wear Metals (ppm)										Contaminant Metals (ppm)		Multi-Source Metals (ppm)						Additive Metals (ppm)					
	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	11	0	0	1	12	0	0	0	0	0	8	4	0	0	9	0	0	0	7	108	1979	0	881	952

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	03-Jul-2016	11-Jul-2016	17998	514886	Yes	0	Yes	<1 - Estimate	0.1 - E2412	<.1 - FTIR		14.1		4.18	16	8

Sample #	Particle Count (particles/mL)										Additional Testing					
	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