

0	1	2	3	4
NORMAL		ABNORMAL		CRITICAL

Overall report severity based on comments.

Account Information	Component Information	Sample Information
Account Number: OILANA-1234-5678 Company Name: Contact: JOHN Q. CUSTOMER Address: 1234 MAIN STREET ANYTOWN, ST 12345 Phone Number: 123-456-7890	Component ID: PORT GEN. ENGINE Secondary ID: SUMP Component Type: DIESEL ENGINE Manufacturer: AN OTHER Model: 2500HD Application: AUXILLARY Sump Capacity: 600 LTRS	Tracking Number: 12345A67890 Lab Number: I-403001 Lab Location: Indianapolis Data Analyst: KM Sampled: 07-Nov-2014 Received: 05-Dec-2014 Completed: 09-Dec-2014
Filter Information	Miscellaneous Information	Product Information
Filter Type: FULLFLOW P 120		Product Manufacturer: ANY BRAND Fuel Type: DIESEL OIL Oil Viscosity Grade: SAE 15W40
Comments	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Suggest re-sample for further analysis.	

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	24	0	0	2	88	5	6	0	0	0	20	4	4	0	38	0	0	0	21	662	1424	0	895	1038
2	35	0	0	2	85	3	4	0	0	0	13	5	3	0	44	0	0	0	23	1093	917	0	915	1186
3	38	2	0	3	87	13	9	0	0	0	21	8	10	0	45	0	1	0	11	1110	909	0	994	1242
4	89	41	0	29	21	10	27	0	0	0	17	10	19	0	48	0	0	0	14	1223	872	0	1032	1320

Sample #	Sample Information				Contaminants				Fluid Properties							
	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
			hrs	hrs		ltrs		% Vol	% Vol	% Vol	cSt	cSt	mg KOH/g	mg KOH/g	abs/cm	abs/0.1 mm
1	14-Nov-2012	28-Nov-2012	5400	8964	Yes	40	Yes	<1 - Estimate	0.1 - FTIR	<.1 - FTIR		14.5		5.35	13	9
2	02-May-2013	10-May-2013	6136	15100	No	20	No	<1 - Estimate	<.1	<.1 - FTIR		15.1		5.16	14	10
3	18-Jan-2014	23-Jan-2014	17896	24032	Yes	30	Yes	<1 - Estimate	0.4 - FTIR	<.1 - FTIR		14.8		5.08	25	17
4	07-Nov-2014	05-Dec-2014	11563	35595	Yes	20	Yes		0.7 - FTIR	<.1 - FTIR		9.7		6.91	22	14

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

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.