

0	1	2	3	4
NORMAL	ABNORMAL	CRITICAL		

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: OILANA-7501-8827 Company Name: MARC HANNA Contact: Address: 703 ROBERT FERRIE DRIVE KITCHENER, ON CA Phone Number: 226-240-0774		Component ID: 08 R320 CD1 E Secondary ID: Component Type: DIESEL ENGINE Manufacturer: MERCEDES BENZ Model: OM642 Application: AUTOMOTIVE Sump Capacity: 10 L		Tracking Number: 16076D03181 Lab Number: E-525205 Lab Location: Edmonton Data Analyst: RNF Sampled: 20-Jun-2016 Received: 27-Jun-2016 Completed: 28-Jun-2016	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: FULLFLOW Micron Rating: 0				Product Manufacturer: MOBIL Product Name: MOBIL 1 ESP FORMULA Viscosity Grade: SAE 5W30	
Comments	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Calcium is slightly high for this lubricant. Your note was taken into consideration. Sample information has been added or tests have been rerun or additional testing was added and the report has been regenerated.				

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	26	0	0	2	2	0	0	0	0	0	7	2	4	0	71	1	0	0	201	17	1771	0	789	923

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
			km	km	L	L	% Vol	% Vol	% Vol	cSt	cSt	mg KOH/g	mg KOH/g	abs/cm	abs/0.1 mm	
1	20-Jun-2016	27-Jun-2016	10110	109737	No	0	No	<1 - Estimate	<.1	<.1 - FTIR		12.3		4.48	29	9

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