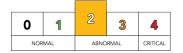


Lubricant Analysis Report

North America: +1-877-808-3750

Latin America: +1-317-808-3750 / +502-3093-6466 (WhatsApp)

Europe: +1-317-808-3750



Overall report severity based on comments.

Account Information	Component Information	Sample Information					
Account Number: 122750-0001-0000	Component ID: # 5909	Tracking Number: 00009676675					
Company Name: ARCH OIL COMMENTS	Secondary ID:	Lab Number: Z-213409					
Contact:	Component Type: DIESEL ENGINE	Lab Location: Poznan					
Address:	Manufacturer: MERCEDES BENZ	Data Analyst: JPH					
	Model: Information Requested	Sampled: 14-Sep-2021					
Phone Number:	Application: AUTOMOTIVE	Received: <mark>24-Sep-2021</mark>					
	Sump Capacity: 6 L	Completed: 30-Sep-2021					
Filter Information	Miscellaneous Information	Product Information					
Filter Type: Information Requested Micron Rating: 0	+ 2,5L RAVENOL EURO VI TRUCK Wildcard 2: 10W40	Product Manufacturer: MEGUIN Product Name: MEGOL LOW EMISSION Viscosity Grade: SAE 5W40					

Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. LEAD is at a MODERATE LEVEL and may be OVERLAY METAL from MAIN/ROD BEARINGS; FUEL DILUTION has caused viscosity to decrease moderately; FUEL DILUTION is at a MINOR LEVEL. FUEL DILUTION possibly caused by excessive idling; Please provide COMPONENT MODEL number to compare data to the correct standards for this component. Lubricant and filter change acknowledged. Your note was taken into consideration.

	Wear Metals (ppm)								Cor	ntamin	ant	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	Phosphorus	Zinc
1	26	1	1	6	4	7	0	0	0	0	14	3	2	0	46	0	0	0	156	118	1838	0	728	814

		Sampl	e Inforr	mation				Contaminants Fluid Properties								
ole#	Sampled	Received	Lube Time	Unit Time	: Change	Lube Added	· Change	Fuel Dilution	Soot	Water	Viscosity 40°C	Viscosity 100°C	Acid Number	Base No. D4739	Oxidation	Nitration
Samp	Jate	Jate	km	km	-ube	L	Filter	%	%	%	cSt	cSt	mg KOH/a	mg KOH/q	abs / cm	abs / 0.1mm
1	14-Sep-2021	24-Sep-2021			Yes	0	Yes	2.2 - GC	0.3 - E2412	<.1 - FTIR		11.0	2.56	5.16	11	9

				Partio	Additional Testing						
Sample #	opo OSI Based On 4/6/14	particles / particles /	o ^ particles / mL	O ^ particles / mL	particles / 7	72 ^ particles / mL	& K ^ particles / mL	OZ ^ particles / mL	00 ^ particles / mL	Test Method	
1	11										

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Results relate only to the items tested. Missing fluid or component information limits the evaluation. No warranty is expressed or implied. Measurement uncertainty available upon request.