



Lubricant Analysis Report

North America: +1-877-458-3315

0	1	2	3	4
NORMAL	ABNORMAL		CRITICAL	

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number Company Name Contact Address: Phone Number:		Component ID: JEEP GLADIATOR E Secondary ID: 3.0 ECO DIESEL Component Type: DIESEL ENGINE Manufacturer: JEEP Model: GLADIATOR ECO DIESEL Application: AUTOMOTIVE Sump Capacity:		Tracking Number Lab Number: H-001120 Lab Location: Houston Data Analyst: JPH Sampled: 30-Dec-2024 Received: 03-Jan-2025 Completed: 06-Jan-2025	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: Information Requested Micron Rating: 0				Product Manufacturer: QUAKER STATE Product Name: EURO FULL SYNTHETIC Viscosity Grade: SAE 5W40	
Comments		Data indicates no abnormal findings. Resample at normal interval. Lubricant and filter change acknowledged.			

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	Phosphorus	Zinc
1	24	1	1	11	4	0	0	0	0	0	8	4	7	0	97	0	1	0	192	1231	1524	0	928	988

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 No. D4739	Oxidation	Nitration
			mi	mi	Yes	gal	Yes	%	%	%	cSt	cSt	mg KOH / g	mg KOH / g	abs / cm	abs / 0.1mm
1	30-Dec-2024	03-Jan-2025	5285	35285	Yes	0	Yes	1.1 - GC	<.1	<.1 - FTIR		12.6		8.57	10	11

Sample #	Particle Count (particles/mL)										Additional Testing	
	ISO Code	> 4	> 6	> 10	> 14	> 21	> 38	> 70	> 100	Test Method		
	Based On	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL			
1	4/6/14	/	/	/	/	/	/	/	/			

Comments are advisory only and are based on the sample information provided by the customer being valid. Results related only to the items tested. Missing fluid or component information limits the evaluation. No warranty is expressed or implied. Measurement uncertainty available upon request.