

0	1	2	3	4
NORMAL	ABNORMAL	ABNORMAL	CRITICAL	CRITICAL

Overall report severity based on comments.

Account Information		Component Information				Sample Information			
Account Number: [REDACTED] Company Name: [REDACTED] Address: [REDACTED] Phone Number: [REDACTED]		Equipment ID: 25 RANGER 2.7L E Secondary ID: RANGER Component Type: UNLEADED GASOLINE ENGINE Manufacturer: Information Requested Model: Information Requested Application: AUTOMOTIVE Sump Capacity:				Tracking Number: [REDACTED] Lab Number: [REDACTED] Lab Location: [REDACTED] Data Analyst: I9L Sampled: 09-Aug-2025 Received: 18-Aug-2025 Completed: 20-Aug-2025			
Filter Information		Miscellaneous Information				Product Information			
Filter Type: Information Requested Micron Rating: 0						Product Manufacturer: AMSOIL Product Name: ASL SIG. SERIES SYN. MOTOR OIL 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. SILICON is high, however, there does not appear to be any wear as a result. SILICON sources can be abrasives (dirt, Alumina Silica), seals and gasket material, lube additive or lube supplement, and/or environmental contaminant; FUEL DILUTION is at a MINOR LEVEL. FUEL DILUTION has caused viscosity to decrease slightly below grade; Boron is slightly low for this lubricant. Boron levels may naturally decline with use so this is not a cause for concern. Please provide COMPONENT MANUFACTURER and MODEL to compare data to the correct standards for this component. Lubricant and filter change acknowledged. Oil is suitable for continued use. Observe trends in future tests.							

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
BL	1	0	0	1	0	0	0	0	0	0	4	6	0	0	232	0	0	1	353	948	1313	0	742	823
1	14	1	0	2	17	0	1	0	0	0	74	8	0	0	193	0	3	0	155	857	1190	1	743	814

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	mi	mi	gal	Filter Change	%	%	%	cSt	cSt	mg KOH / g	mg KOH / g	abs / cm	abs / 0.1mm	
BL	17-May-2025	20-May-2025	0	0	Unk	0	Unk			<.1 - FTIR		10.0	1.61		33	5
1	09-Aug-2025	18-Aug-2025	4457	5029	Yes	0	Yes	2.3 - GC	<.1 - E2412	<.1 - FTIR		9.2		5.84	36	10

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

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.