

0	1	2	3	4
NORMAL		ABNORMAL		CRITICAL

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number:		Equipment ID:	2016 SUBURBAN E	Tracking Number:	23102M22858
		Secondary ID:		Lab Number:	I - 869995
		Component Type:	UNLEADED GASOLINE	Lab Location:	Indianapolis
			ENGINE	Data Analyst:	KDN
		Manufacturer:	GENERAL MOTORS	Sampled:	30-Jun-2025
		Model:	5.3L	Received:	03-Jul-2025
		Application:	UNKNOWN	Resolved:	10-Jul-2025
		Sump Capacity:	8 qt	Completed:	14-Jul-2025
Filter Information		Miscellaneous Information		Product Information	
Filter Type:	FULLFLOW	Miscellaneous:	NA	Product Manufacturer:	AMSOIL
Micron Rating:	20			Product Name:	ASM SIG. SERIES SYN. MOTOR OIL
				Viscosity Grade:	SAE 0W20
Comments	Data indicates no abnormal findings. Oil is suitable for continued use. For guidance on extending drain interval further please call 715-395-0222 Report has been regenerated.				

Wear Metals (ppm)										Contaminant Metals (ppm)		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	24	1	0	4	38	0	0	0	0	0	12	6	0	0	198	0	3	1	119	775	1310	0	645	801
2	33	1	0	3	31	0	0	0	0	0	9	9	5	0	227	0	6	0	137	941	1234	0	671	818
Sample Information										Contaminants								Fluid Properties						
Sample #	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	Lube Change	gal	Filter Change	%	%	%	cSt	cSt	mg KOH / g	mg KOH / g	abs / cm	abs / 0.1mm								
1	26-Jan-2022	31-Jan-2022	5178	79180	No	0	No	1.7 - GC	<.1	<.1 - FTIR		8.5		3.71	44	12								
2	30-Jun-2025	03-Jul-2025	5730	107552	No	0	No	1.2 - GC	<.1 - E2412	<.1 - FTIR		8.7		3.51	52	13								
Particle Count (particles/mL)										Additional Testing														

Sample #	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	/ /								
2		/ /								

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.