



OIL REPORT

LAB NUMBER: S032835 UNIT ID: 23 YUKON
 REPORT DATE: 3/18/2024 CLIENT ID: 241777
 CODE: 63/88 PAYMENT: CC: MC

UNIT	MAKE/MODEL: GM 6.2L Ecotec3 V-8 (L86)	OIL TYPE & GRADE: Mobil 1 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,077 Miles
	ADDITIONAL INFO: GMC	

CLIENT	██████████	PHONE: ██████████
	██████████	FAX: (419) 877-8888
	██████████	ALT PHONE:
		EMAIL: ██████████

COMMENTS GLENN: We aren't sure what would be causing the ticking noise. If a lifter were going bad, we'd expect iron to read higher. If the ticking sound normally settles down shortly after start-up, then maybe it's just from the oil taking it's time getting to where it needs to be. Copper was only wear metal that read high compared to the universal averages for these 6.2Ls (based on ~6,200 miles on the oil). Copper comes from bronze bushings, and at 5 ppm, we wouldn't necessarily suspect a problem. Check back at the next oil change and we'll see how copper looks from there.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,077	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	11,603						
	Sample Date	2/23/2024						
	Make Up Oil Added	0 qts						
ALUMINUM	4	4					4	
CHROMIUM	1	1					1	
IRON	12	12					22	
COPPER	5	5					2	
LEAD	0	0					1	
TIN	2	2					1	
MOLYBDENUM	88	88					119	
NICKEL	0	0					0	
MANGANESE	0	0					2	
SILVER	0	0					0	
TITANIUM	0	0					2	
POTASSIUM	0	0					1	
BORON	86	86					48	
SILICON	10	10					15	
SODIUM	5	5					8	
CALCIUM	964	964					1205	
MAGNESIUM	563	563					614	
PHOSPHORUS	606	606					666	
ZINC	679	679					762	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	49.9	46-56				
	cSt Viscosity @ 100°C	7.24	6.0-9.4				
	Flashpoint in °F	395	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.3	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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