



OIL REPORT

LAB NUMBER: S197292

UNIT ID: 08 TAHOE

REPORT DATE: 3/18/2025

CLIENT ID: 132212

CODE: 20/1,193

PAYMENT: CC: Visa

UNIT

MAKE/MODEL: GM 5.3L V-8
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: 5W/30
OIL USE INTERVAL: 5,000 Miles

CLIENT

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COMMENTS

MARK: We find that the manufacturer's oil life monitors tend toward the conservative side, and although we see no signs here that it was time to change the oil, it never hurts to let that gauge be your guide. The universal averages for the GM 5.3L reflect typical wear after ~5,300-mile intervals, and the wear metals (mainly aluminum through tin) in these results match up well to those averages. The oil's viscosity tested a little thin for 5W/30, but that's harmless on its own. Low insolubles are another sign that the oil was still in good physical shape. Nice first report!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,000	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR on Unit	177,195								
	Sample Date	3/4/2025								
	Make Up Oil Added									
	ALUMINUM	2		2						4
	CHROMIUM	0		0						1
	IRON	10		10						18
	COPPER	14		14						17
	LEAD	3		3						5
	TIN	1		1						1
	MOLYBDENUM	283		283						85
	NICKEL	0		0						1
	MANGANESE	1		1						4
	SILVER	0		0						0
	TITANIUM	0		0						2
	POTASSIUM	0		0						4
	BORON	42		42						46
	SILICON	14		14						12
	SODIUM	8		8						37
	CALCIUM	1294		1294						1618
	MAGNESIUM	561		561						381
	PHOSPHORUS	766		766						690
	ZINC	836		836						800
	BARIUM	0		0						0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	52.4	55-63					
	cSt Viscosity @ 100°C	8.00	8.8-11.3					
	Flashpoint in °F	410	>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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