



OIL REPORT

LAB NUMBER: S106998

UNIT ID: 23 TAHOE

REPORT DATE: 9/3/2024

CLIENT ID: [REDACTED]

CODE: 20/88

PAYMENT: CC Online

UNIT	MAKE/MODEL: GM 6.2L Ecotec3 V-8 (L87)	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 6,000 Miles
	ADDITIONAL INFO:	

CLIENT	[REDACTED]	PHONE: [REDACTED]
	[REDACTED]	FAX: [REDACTED]
	[REDACTED]	ALT PHONE: [REDACTED]
	[REDACTED]	EMAIL: [REDACTED]

COMMENTS [REDACTED] Thanks for the note. Wear-in generally takes a few oil changes to wash out in the oil. The longer oil run this time allowed more time for metals to accumulate in the oil, but even still, copper decreased by 1 ppm. Silicon also took a nice step down. The wear-in process is in the rear-view mirror as your engine crosses 12,000 miles on the odometer. Wear metals are in a healthy balance and good ranges of the averages, which tells us your Tahoe is maturing very well. No fuel coolant turned up, and insolubles were low. Try 8,000 miles next oil fill. Nice results!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	6,000	UNIT / LOCATION AVERAGES	3,200					
	MI/HR on Unit	12,000		6,247					UNIVERSAL AVERAGES
	Sample Date	7/31/2024		4/16/2024					
	Make Up Oil Added	0 qts							
ALUMINUM	4	4	3						4
CHROMIUM	1	1	1						1
IRON	13	14	14						14
COPPER	5	6	6						4
LEAD	0	0	0						0
TIN	1	1	1						2
MOLYBDENUM	84	75	65						125
NICKEL	0	0	0						0
MANGANESE	1	1	1						5
SILVER	0	0	0						0
TITANIUM	0	0	0						1
POTASSIUM	1	1	1						1
BORON	41	68	94						44
SILICON	10	13	16						16
SODIUM	4	4	3						6
CALCIUM	715	1001	1287						1060
MAGNESIUM	730	898	1065						630
PHOSPHORUS	568	656	743						654
ZINC	756	845	934						759
BARIUM	0	0	0						0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	55.5	55-63	63.8				
	cSt Viscosity @ 100°C	8.92	8.8-11.3	11.27				
	Flashpoint in °F	400	>385	360				
	Fuel %	<0.5	<2.0	1.3				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	0.0	0.0				
	Insolubles %	TR	<0.6	TR				
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com