



OIL REPORT

LAB NUMBER: [REDACTED]
 REPORT DATE: 7/10/2024
 CODE: 20/88

UNIT ID: 23 MAVERICK
 CLIENT ID: [REDACTED]
 PAYMENT: CC Online

UNIT	MAKE/MODEL: Ford 2.0L Turbo EcoBoost	OIL TYPE & GRADE: 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,594 Miles
	ADDITIONAL INFO:	

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

COMMENTS PAUL: Nice progress! Copper and silicon are lower, showing some of the bronze/brass break-in metal and sealers/lubes cleared out at the first oil change. Copper and silicon still have some ground to cove, but we should see them drop next time as this oil change likely cleared some more of the break-in material out. The other metals look good, and there isn't any coolant or water contamination to point out. Fuel dilution is present this time, but 0.8% is harmless and often from normal use factors. The thin viscosity isn't a concern. Good second report.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	2,594	UNIT / LOCATION AVERAGES	2,644						
	MI/HR on Unit	5,238		2,644						UNIVERSAL AVERAGES
	Sample Date	6/8/2024		8/25/2023						
	Make Up Oil Added	0 qts		0 qts						
ALUMINUM	4	6	8							5
CHROMIUM	0	0	0							0
IRON	8	8	8							15
COPPER	11	25	39							3
LEAD	0	0	0							0
TIN	0	0	0							0
MOLYBDENUM	81	109	137							90
NICKEL	0	0	0							0
MANGANESE	1	2	2							1
SILVER	0	0	0							0
TITANIUM	0	0	0							3
POTASSIUM	3	4	4							2
BORON	59	86	113							63
SILICON	40	86	132							14
SODIUM	5	7	8							15
CALCIUM	858	1062	1265							1396
MAGNESIUM	432	400	368							494
PHOSPHORUS	487	568	648							681
ZINC	546	636	725							769
BARIUM	0	2	3							1

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	51.9	55-63	50.6				
	cSt Viscosity @ 100°C	7.86	8.8-11.3	7.45				
	Flashpoint in °F	370	>385	400				
	Fuel %	0.8	<2.0	<0.5				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	0.0	0.0				
	Insolubles %	0.1	<0.6	0.1				
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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