



# OIL REPORT

LAB NUMBER: S249064

UNIT ID: 22 WRANGLER

REPORT DATE: 7/3/2025

CLIENT ID: [REDACTED]

CODE: 20/1,487

PAYMENT: [REDACTED]

<b>UNIT</b>	MAKE/MODEL: VM Motori 3.0L DOHC V-6 EcoDiesel	OIL TYPE & GRADE: Amsoil 5W/40
	FUEL TYPE: Diesel	OIL USE INTERVAL: 4,093 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	NATHAN [REDACTED]	PHONE: [REDACTED]
	[REDACTED]	FAX: [REDACTED]
	[REDACTED]	ALT PHONE: [REDACTED]
	[REDACTED]	EMAIL: [REDACTED]

**COMMENTS** NATHAN: Hopefully reports like this become the norm for your Wrangler. We didn't find any signs of poor wear, as metals are average or very low for the engine type. On the far right, those averages are based on about a 7,900-mile run. Not running the oil as long should net less iron, but even that level is low for mileage on the oil, so your engine is wearing well throughout. The TBN shows active additive to spare, and the oil filter wasn't close to being used up (low insolubles). We're thinking the 9 qts of make-up was in reference to the sump capacity - let us know if not.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	4,093	<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	45,314						
	Sample Date	6/21/2025						
	Make Up Oil Added	9 qts						
ALUMINUM	6	6					6	
CHROMIUM	0	0					1	
IRON	10	10					22	
COPPER	1	1					3	
LEAD	0	0					0	
TIN	0	0					0	
MOLYBDENUM	1	1					19	
NICKEL	0	0					0	
MANGANESE	0	0					0	
SILVER	0	0					1	
TITANIUM	0	0					1	
POTASSIUM	2	2					7	
BORON	4	4					96	
SILICON	5	5					10	
SODIUM	6	6					5	
CALCIUM	2368	2368					1769	
MAGNESIUM	15	15					287	
PHOSPHORUS	969	969					909	
ZINC	1089	1089					1048	
BARIUM	0	0					0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	70.8	65-79				
	cSt Viscosity @ 100°C	13.16	11.6-15.5				
	Flashpoint in °F	425	>410				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.6				
	TBN	5.8	>2.0				
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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