



OIL REPORT

LAB NUMBER:
REPORT DATE: 8/8/2024
CODE: 44/1,430

UNIT ID: 24 MUSTANG
CLIENT ID:
PAYMENT:

UNIT	MAKE/MODEL:	Ford 5.0L V-8 Ti-VCT 32V	OIL TYPE & GRADE:	Gasoline Engine Oil
	FUEL TYPE:	Gasoline (Unleaded)	OIL USE INTERVAL:	2,297 Miles
	ADDITIONAL INFO:			

CONTACT	PHONE:	
	FAX:	
	ALT PHONE:	
	EMAIL:	

NOTE: STEVE: This is a good report, even if we needed to mark a couple of elements in bold. The excess copper and silicon make sense in the first oil change, with copper from wear-in and silicon being from sealer needed for assembly. You can expect decreases at the next oil change, and eventually average results once wear-in has cleared up (that process usually takes a few oil changes). The viscosity was in the 5W/20 range and the TBN shows plenty of active additive to spare. Check back in about 5,000 miles. We look forward to tracking progress next time.

ELEMENTS	MI/HR on Oil	2,297	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	2,297							
	Sample Date	7/12/2024							
	Make Up Oil Added	0 qts							
	ALUMINUM	5	5						4
	CHROMIUM	0	0						1
	IRON	18	18						16
	COPPER	27	27						3
	LEAD	1	1						1
	TIN	0	0						0
	MOLYBDENUM	137	137						98
	NICKEL	0	0						0
	MANGANESE	21	21						5
	SILVER	1	1						0
	TITANIUM	0	0						2
	POTASSIUM	9	9						3
	BORON	133	133						82
	SILICON	40	40						11
	SODIUM	10	10						20
	CALCIUM	1237	1237						1509
	MAGNESIUM	369	369						480
	PHOSPHORUS	577	577						724
	ZINC	683	683						814
	BARIUM	1	1						1

Values
Should Be*

OBSERVATIONS	SUS Viscosity @ 210°F	53.6					
	cSt Viscosity @ 100°C	8.35					
	Flashpoint in °F	420	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.1	<0.6				
	TBN	4.7	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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