



OIL REPORT

LAB NUMBER: S049295

UNIT ID: 22 MUSTANG

REPORT DATE: 4/25/2024

CLIENT ID: 242850

CODE: 20/1,430

PAYMENT: CC: Visa

UNIT

MAKE/MODEL: Ford 5.0L V-8 Ti-VCT 32V
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: Pennzoil Ultra Platinum 5W/30
OIL USE INTERVAL: 7,500 Miles

CLIENT

JASON [REDACTED]

PHONE: [REDACTED]

FAX:

ALT PHONE:

EMAIL: [REDACTED]

COMMENTS

JASON: Thanks for the notes. It's fine that the engine wasn't run before you took the sample. The results should still be valid, and they don't raise any concerns for this Coyote engine. The wear levels are excellent considering this was only the third oil change. It can take a few oil changes for all the excess metal (and silicon) from the break-in process to wash out, but your results already look great compared to universal averages, and those are based on a shorter oil change of ~5,400 miles. No contamination was found, and the TBN was very strong. Very nice!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	7,500	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR on Unit	10,500								
	Sample Date	4/7/2024								
	Make Up Oil Added	0 qts								
	ALUMINUM	3		3						
	CHROMIUM	0		0						
	IRON	10		10						
	COPPER	1		1						
	LEAD	0		0						
	TIN	0		0						
	MOLYBDENUM	82		82						
	NICKEL	0		0						
	MANGANESE	2		2						
	SILVER	0		0						
	TITANIUM	2		2						
	POTASSIUM	1		1						
	BORON	170		170						
	SILICON	7		7						
	SODIUM	3		3						
	CALCIUM	1081		1081						
	MAGNESIUM	801		801						
	PHOSPHORUS	600		600						
	ZINC	737		737						
	BARIUM	0		0						

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	57.8	56-63					
	cSt Viscosity @ 100°C	9.58	9.1-11.3					
	Flashpoint in °F	420	>385					
	Fuel %	<0.5	<2.0					
	Antifreeze %	0.0	0.0					
	Water %	0.0	<0.1					
	Insolubles %	0.1	<0.6					
	TBN	6.3	>1.0					
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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