



OIL REPORT

LAB NUMBER: [REDACTED]
 REPORT DATE: 7/5/2023
 CODE: [REDACTED]

UNIT ID: 22 GLADIATOR
 CLIENT ID: [REDACTED]
 PAYMENT: [REDACTED]

UNIT	MAKE/MODEL: Jeep 3.6L V-6 Pentastar	OIL TYPE & GRADE: Mopar 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,654 Miles
	ADDITIONAL INFO:	

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

COMMENTS BILL: Sounds like you've already been having some fun this this young Jeep, and we're glad to see everything looking pretty good in its first oil report. The oil changes you've done already have washed out most of the wear-in stuff, leaving you with some pretty good wear numbers for this first report. The universal averages give you a baseline idea of how this engine type tends to look after about 6,000 miles on the oil. Iron is a bit higher in your sample, but not so high it looks like trouble. Other metals are fine. The TBN's good, too. Go 2,000 miles longer on this oil.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,654	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	12,098						
	Sample Date	6/16/2023						
	Make Up Oil Added	0 qts						
ALUMINUM	5	5					4	
CHROMIUM	1	1					1	
IRON	25	25					18	
COPPER	6	6					16	
LEAD	0	0					0	
TIN	0	0					0	
MOLYBDENUM	64	64					104	
NICKEL	0	0					0	
MANGANESE	3	3					1	
SILVER	0	0					0	
TITANIUM	0	0					3	
POTASSIUM	4	4					3	
BORON	9	9					51	
SILICON	15	15					14	
SODIUM	7	7					19	
CALCIUM	975	975					1447	
MAGNESIUM	409	409					483	
PHOSPHORUS	596	596					672	
ZINC	641	641					767	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	50.0	46-57				
	cSt Viscosity @ 100°C	7.27	6.0-9.7				
	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	2.7	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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