



OIL REPORT

LAB NUMBER:
 REPORT DATE: 9/26/2022
 CODE: 20/68

UNIT ID:
 CLIENT ID:
 PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Jeep 3.6L V-6 Pentastar	OIL TYPE & GRADE: 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,949 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS Congrats on the new Gladiator! This is the first oil change for this engine, so don't be worried about some extra metal and silicon in the oil. That's par for the course at this stage. The extra metal shows wear-in of new parts, and silicon is coming from sealers, lubricants, and fresh gaskets used during assembly. In a few oil changes, these should wash out, leaving your engine looking more like universal averages. Those show typical wear for a 3.6 L V-6 like this after about 7,000 miles on the oil. No contamination from fuel or coolant turned up. So far, so good!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	2,949	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	2,949						
	Sample Date	9/11/2022						
	Make Up Oil Added	0 qts						
ALUMINUM	6	4					4	
CHROMIUM	1	1					1	
IRON	36	12					17	
COPPER	27	3					12	
LEAD	1	0					0	
TIN	1	0					0	
MOLYBDENUM	161	92					107	
NICKEL	1	0					0	
MANGANESE	21	1					2	
SILVER	0	0					0	
TITANIUM	0	3					2	
POTASSIUM	5	1					4	
BORON	53	42					48	
SILICON	111	9					15	
SODIUM	14	4					15	
CALCIUM	1308	1287					1308	
MAGNESIUM	462	439					510	
PHOSPHORUS	677	657					652	
ZINC	773	757					749	
BARIUM	1	0					0	

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	50.6	46-57				
	cSt Viscosity @ 100°C	7.46	6.0-9.7				
	Flashpoint in °F	450	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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