



OIL REPORT

LAB NUMBER:
 REPORT DATE: 5/8/2025
 CODE: 20/1,193

UNIT ID:
 CLIENT ID:
 PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Jeep 3.6L V-6 Pentastar	OIL TYPE & GRADE: Quaker State Synthetic 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,292 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS Your Gladiator is kicking off its oil analysis profile with a good report. Universal averages show normal wear for Jeep's 3.6L Pentastar engine based on 5,800-mile oil intervals. This oil didn't go as many miles, so it's good to find wear metals at lower levels, showing healthy wear. Given this is likely just the 2nd or 3rd oil change, the silicon is probably residual from sealers or gasket material used during assembly rather than dirt. It often takes a few oil changes to wash out fully, so as long as the air filter is clean, we'll just watch for it to trend down. Nice baseline!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,292	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	6,768						
	Sample Date	4/17/2025						
	Make Up Oil Added	0 qts						
ALUMINUM	3	3					4	
CHROMIUM	1	1					1	
IRON	11	11					17	
COPPER	4	3					12	
LEAD	0	0					0	
TIN	0	0					0	
MOLYBDENUM	159	101					107	
NICKEL	0	0					0	
MANGANESE	2	1					2	
SILVER	0	0					0	
TITANIUM	0	2					2	
POTASSIUM	4	1					4	
BORON	68	46					49	
SILICON	35	13					15	
SODIUM	5	4					15	
CALCIUM	1228	1278					1307	
MAGNESIUM	467	443					511	
PHOSPHORUS	592	648					652	
ZINC	760	758					749	
BARIUM	0	0					0	

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	56.7	55-63				
	cSt Viscosity @ 100°C	9.28	8.8-11.3				
	Flashpoint in °F	410	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.1	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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