



OIL REPORT

LAB NUMBER:
 REPORT DATE: 10/6/2025
 CODE: 20/1,193

UNIT ID:
 CLIENT ID:
 PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Jeep 3.6L V-6 Pentastar	OIL TYPE & GRADE: Pennzoil Ultra Platinum 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,296 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS No issues to report here. Wear metals look good, including iron, which is reading a lot better now on a ppm/mile basis. Steel parts are wearing well, and wear looks good throughout the rest of the engine, too! No coolant, water, or excess fuel was found in this sample, and the low silicon and insolubles levels make it clear that air and oil filtration are in good working order. The oil's viscosity is also right on target for a 0W/20. We have no concerns to pass along for this engine at 18,619 total miles.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,296	UNIT / LOCATION AVERAGES	2,888				UNIVERSAL AVERAGES
	MI/HR on Unit	18,619		14,323				
	Sample Date	9/25/2025		6/24/2025				
	Make Up Oil Added	0 qts		0 qts				
ALUMINUM	3	3	3				4	
CHROMIUM	1	1	1				1	
IRON	14	18	18				17	
COPPER	3	3	3				11	
LEAD	0	0	0				0	
TIN	0	1	1				0	
MOLYBDENUM	82	85	85				108	
NICKEL	0	0	0				0	
MANGANESE	1	2	2				2	
SILVER	0	0	0				0	
TITANIUM	2	1	1				2	
POTASSIUM	2	2	2				5	
BORON	91	148	148				48	
SILICON	8	10	10				15	
SODIUM	4	3	3				14	
CALCIUM	986	1061	1061				1277	
MAGNESIUM	684	742	742				514	
PHOSPHORUS	545	657	657				645	
ZINC	677	740	740				743	
BARIUM	0	0	0				0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	55.5	46-57	52.1			
	cSt Viscosity @ 100°C	8.91	6.0-9.7	7.92			
	Flashpoint in °F	415	>385	425			
	Fuel %	<0.5	<2.0	<0.5			
	Antifreeze %	0.0	0.0	0.0			
	Water %	0.0	0.0	0.0			
	Insolubles %	0.1	<0.6	0.2			
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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