



# OIL REPORT

LAB NUMBER: Q91793  
 REPORT DATE: 4/3/2023  
 CODE: 20/88

UNIT ID: SHR3K2  
 CLIENT ID:  
 PAYMENT:

<b>UNIT</b>	MAKE/MODEL: Jeep 3.6L V-6 Pentastar	OIL TYPE & GRADE: 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,040 Miles
	ADDITIONAL INFO: 2023 Wrangler	

<b>CLIENT</b>	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

**COMMENTS** GEORGE: Your Wrangler isn't going up chocolate creek without a Popsicle stick. Sure, metals and silicon are high next to universal averages (based on this type of V-6 after ~6,000 miles on the oil), but that's just due to normal wear-in and sealers that should wash out over the next few oil changes. When highlighted elements settle down, it should be champagne wishes and caviar dreams for your Pentastar. Just check back next service to start building trends!

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	5,040	<b>UNIT / LOCATION AVERAGES</b>						<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	5,040							
	Sample Date	3/25/2023							
	Make Up Oil Added	0 qts							
ALUMINUM	13								4
CHROMIUM	2								1
IRON	52								18
COPPER	33								16
LEAD	1								0
TIN	1								0
MOLYBDENUM	174								103
NICKEL	1								0
MANGANESE	28								1
SILVER	0								0
TITANIUM	0								3
POTASSIUM	9								3
BORON	37								52
SILICON	123								14
SODIUM	22								20
CALCIUM	1511								1468
MAGNESIUM	545								475
PHOSPHORUS	754								672
ZINC	898								768
BARIUM	1								0

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	51.5	46-56						
	cSt Viscosity @ 100°C	7.73	6.0-9.4						
	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								
	TAN								
	ISO Code								

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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