



# OIL REPORT

LAB NUMBER: P56916  
 REPORT DATE: 4/1/2022  
 CODE: 20/68

UNIT ID: 95 CHEROKEE  
 CLIENT ID: 95673  
 PAYMENT: CC: Visa

<b>UNIT</b>	MAKE/MODEL: Jeep 4.0L Inline 6 cyl	OIL TYPE & GRADE: Harvest King 10W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,000 Miles
	ADDITIONAL INFO: XJ, 4x4	

<b>CLIENT</b>	JOSHUA DOWNS	PHONE: (940) 452-1721
	1990 COUNTY RD 1032	FAX:
	GREENVILLE, TX 75401	ALT PHONE:
		EMAIL: joshua.d.downs@gmail.com, jeepinbanditriders@gmail.com

**COMMENTS**  
 JOSH: We're happy to keep passing along good reports for your Cherokee. You used another 5,000-mile oil change interval, and wear metals held steady across the board, which is a good sign that internal parts are wearing well. There isn't any harmful contamination to note here (from fuel, coolant, or excess dirt), and the low insolubles reading tells us the oil filter did its job. Just keep taking great care of this Jeep! It's in good hands.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	5,000	<b>UNIT / LOCATION AVERAGES</b>	5,000	5,000	5,000	5,000	4,900	<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	242,512		237,422	232,491	227,424	222,345	217,300	
	Sample Date	3/22/2022		10/30/2021	6/29/2021	3/15/2021	10/29/2020	8/1/2020	
	Make Up Oil Added	1 qt		0.5 qts	0.5 qts	0.5 qts	1 qt	1.5 qts	
ALUMINUM	3	4	4	4	4	4	4	4	4
CHROMIUM	1	1	0	1	1	1	1	1	1
IRON	15	19	12	20	24	18	25	25	25
COPPER	3	4	3	3	4	5	3	4	4
LEAD	3	4	3	4	5	5	6	2	2
TIN	1	1	0	0	1	1	0	1	1
MOLYBDENUM	11	9	3	11	4	11	54	71	71
NICKEL	0	1	0	1	1	0	0	1	1
MANGANESE	0	0	0	0	1	0	1	1	1
SILVER	0	0	0	0	0	0	0	0	0
TITANIUM	0	0	0	0	0	0	0	0	1
POTASSIUM	4	9	5	9	14	11	30	4	4
BORON	4	5	3	7	6	3	4	51	51
SILICON	19	16	12	14	14	15	11	15	15
SODIUM	13	19	9	17	22	24	53	45	45
CALCIUM	2068	2222	2163	2298	2394	2128	1896	1798	1798
MAGNESIUM	152	70	19	25	34	68	345	252	252
PHOSPHORUS	877	898	846	884	920	912	957	735	735
ZINC	1008	1064	980	1063	1137	1047	1187	861	861
BARIUM	0	0	0	0	0	0	0	0	0

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	60.0	58-65	60.5	59.9	62.4	61.4	73.7
	cSt Viscosity @ 100°C	10.22	9.7-11.9	10.37	10.20	10.90	10.60	13.92
	Flashpoint in °F	410	>385	400	395	410	400	400
	Fuel %	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5
	Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0	0.11
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.2	0.3	0.2	0.2	0.2
	TBN							
	TAN							
	ISO Code							

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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