



OIL REPORT

LAB NUMBER: Q41958 UNIT ID: CJ2A
 REPORT DATE: 11/16/2022 CLIENT ID: 95673
 CODE: 20/88 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Willys Jeep (Classic) 134 CID Inline 4-	OIL TYPE & GRADE: Harvest King 10W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 10 Hours
	ADDITIONAL INFO: Model: L134, 1949	

CLIENT	JOSHUA DOWNS	PHONE: (940) 452-1721
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COMMENTS
 JOSHUA: There's a whole lot of lead in this sample. That usually means leaded fuel has been used, and the bulk of the lead is from harmless blow-by. If leaded fuel has not been used, though, lead could show heavy wear at the bearings. It's uncommon for the bearings to make a lot of metal even when an engine is wearing in. The other wear metals are much closer to universal averages for the 134 CID, so that's good. Silicon is probably just sealer. The slightly thin viscosity doesn't pose a threat, either. If the engine runs well, check back on lead in 10 hours.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	10						
	Sample Date	10/5/2022						
	Make Up Oil Added	0 qts						
ALUMINUM	5	5					3	
CHROMIUM	1	1					1	
IRON	49	49					25	
COPPER	5	5					25	
LEAD	294	294					83	
TIN	3	3					2	
MOLYBDENUM	58	58					44	
NICKEL	0	0					0	
MANGANESE	2	2					1	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	1	1					5	
BORON	3	3					66	
SILICON	34	34					11	
SODIUM	32	32					28	
CALCIUM	1044	1044					1766	
MAGNESIUM	1019	1019					168	
PHOSPHORUS	1042	1042					1142	
ZINC	1170	1170					1285	
BARIUM	3	3					2	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	57.8	58-65				
	cSt Viscosity @ 100°C	9.60	9.7-11.9				
	Flashpoint in °F	410	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.3	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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