

OIL REPORT

LAB NUMBER: Q15037

REPORT DATE: 9/7/2022

CODE: 20/68

UNIT ID: 99 DISCOVERY

CLIENT ID: PAYMENT: CC Online

JNIT

MAKE/MODEL: Land Rover 4.0L V-8 FUEL TYPE: Gasoline (Unleaded)

ADDITIONAL INFO:

OIL TYPE & GRADE: Gasoline Engine Oil

OIL USE INTERVAL: 3,500 Miles

SLIENT

Universal averages show typical wear for this kind of engine after about 3,300 miles on the oil. You estimated this oil was in place 3,500 miles, and metals are high for that interval. Aluminum is from pistons, iron is from steel parts, and tin is a part coating or alloy. Maybe this oil was in place longer than you guessed, past hard use is a factor, and/or parts are wearing a little more than they should be. Let's see where they fall next time with you behind the wheel. Check back in 2,000 miles. A trace of fuel is harmless. Note the viscosity was in the 10W/30 range.

	MI/HR on Oil MI/HR on Unit	3,500 147,045	UNIT /				I IN III / EDO A I
	Sample Date	8/20/2022	LOCATION				UNIVERSAL AVERAGES
	Make Up Oil Added						
N	ALUMINUM	16	16				4
Ĭ	CHROMIUM	3	3				1
MILLION	IRON	64	64				16
	COPPER	8	8				8
吊	LEAD	1	1				10
Д	TIN	6	6				2
2	MOLYBDENUM	71	71				53
AR.	NICKEL	2	2				1
Δ.	MANGANESE	2	2				1
Z	SILVER	0	0				0
	TITANIUM	0	0				1
ENTS	POTASSIUM	2	2				4
Ш	BORON	55	55				62
EM	SILICON	17	17				15
H	SODIUM	16	16				31
	CALCIUM	1699	1699				1937
	MAGNESIUM	473	473				281
	PHOSPHORUS	674	674				872
	ZINC	803	803				1030
	BARIUM	0	0				0

Values

Should Be*

	SUS Viscosity @ 210°F	59.0				
	cSt Viscosity @ 100°C	9.92				
PERTIES	Flashpoint in °F	385	>385			
	Fuel %	TR	<2.0			
	Antifreeze %	0.0	0.0			
Ы	Water %	0.0	0.0			
RO	Insolubles %	0.3	<0.6			
Δ.	TBN					
	TAN					
	ISO Code					

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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