



OIL REPORT

LAB NUMBER: M80949

UNIT ID: 16 LR4

REPORT DATE: 11/9/2020

CLIENT ID: 170663

CODE: 146/68

PAYMENT: CC: Visa

UNIT

MAKE/MODEL: Land Rover 3.0L V-6 Supercharged
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: Liqui Moly 0W/20
OIL USE INTERVAL: 5,037 Miles

CLIENT

MARK DEMPSEY
[REDACTED]
NASHVILLE, TN 37211

PHONE: [REDACTED]
FAX:
ALT PHONE:
EMAIL: b49erballer@yahoo.com

COMMENTS

MARK: Your LR4 is looking good! The averages column on the right shows a typical wear pattern for one of these Land Rover 3.0L Supercharged V-6s after running the oil for about 6,700 miles. Compared to them, wear metals in your sample are all similar to the averages and show appropriate levels of wear overall. Elements like molybdenum, boron, calcium and below show the additive package in this Liqui Moly 0W/20. The viscosity was in the correct range, and there was no harmful contamination by fuel or coolant present in the oil. Check back to start building trends.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,037	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR on Unit	60,400								
	Sample Date	10/17/2020								
	Make Up Oil Added	0 qts								
	ALUMINUM	3	3							5
	CHROMIUM	0	0							0
	IRON	22	22							16
	COPPER	1	1							2
	LEAD	0	0							0
	TIN	0	0							1
	MOLYBDENUM	13	13							64
	NICKEL	0	0							0
	MANGANESE	1	1							2
	SILVER	0	0							0
	TITANIUM	4	4							13
	POTASSIUM	3	3							2
	BORON	50	50							53
	SILICON	8	8							8
	SODIUM	6	6							8
	CALCIUM	1466	1466							1351
	MAGNESIUM	112	112							615
	PHOSPHORUS	656	656							702
	ZINC	759	759							811
	BARIUM	0	0							0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	49.6	46-57					
	cSt Viscosity @ 100°C	7.14	6.0-9.7					
	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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