



OIL REPORT

LAB NUMBER: P31835
REPORT DATE: 1/21/2022
CODE: 20/68

UNIT ID: 11 EXPLORER
CLIENT ID: 173970
PAYMENT: CC Online

UNIT	EQUIP. MAKE/MODEL: Ford 3.5L Duratec V-6	OIL TYPE & GRADE: Mobil 1 High Mileage 5W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 9,500 Miles
	ADDITIONAL INFO:	

CLIENT	RON PARISE	PHONE: (239) 247-0341
	RONSRIDES.BIZ LLC	FAX:
	166 SE 16TH TER	ALT PHONE:
	CAPE CORAL, FL 33990	EMAIL: ronparise@gmail.com

COMMENTS	RON: All looks good after this 9,500-mile run. Aluminum and iron again tested at perfectly reasonable levels (both actually decreased slightly compared to the previous sample) so there's no sign that the high levels we saw back in September will make a repeat appearance. Maybe that oil run was just a bit too long. In any case, your Ford has a proven track record of wearing well over 10,000-mile runs, so we think it'd be fine to stick with that interval going forward. The main takeaway from this report: the engine doesn't appear to be struggling with any ongoing issues.

	MI/HR on Oil	9.500	UNIT / LOCATION AVERAGES	9.000	12.650	10.000	8.000	6.000	UNIVERSAL AVERAGES
	MI/HR on Unit	340,500		331,000	322,650	310,000	300,000	292,000	
	Sample Date	1/7/2022		11/9/2021	9/25/2021	7/12/2021	5/27/2021	4/21/2021	
	Make Up Oil Added	0 qts		0 qts	0 qts	0 qts	0 qts	0 qts	
ELEMENTS IN PARTS PER MILLION	ALUMINUM	5	4	7	15	5	3	3	4
	CHROMIUM	1	0	0	1	0	0	0	0
	IRON	10	7	11	25	9	6	6	11
	COPPER	2	2	2	3	3	2	1	14
	LEAD	0	0	0	0	0	0	0	1
	TIN	1	1	0	0	1	0	1	0
	MOLYBDENUM	77	88	77	76	83	66	70	81
	NICKEL	0	0	0	1	0	0	0	0
	MANGANESE	1	1	1	1	1	1	1	4
	SILVER	0	0	0	0	0	0	0	0
	TITANIUM	0	12	0	1	6	31	31	4
	POTASSIUM	0	1	1	1	0	0	0	3
	BORON	40	45	39	33	37	48	53	51
	SILICON	18	19	22	26	22	17	15	17
	SODIUM	5	5	5	8	6	5	6	31
	CALCIUM	1163	1243	1181	1117	1238	1204	1284	1574
	MAGNESIUM	798	816	771	748	882	850	942	429
	PHOSPHORUS	698	730	706	666	745	694	754	693
	ZINC	836	867	827	792	897	838	928	790
	BARIUM	0	0	1	2	0	0	0	1

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	57.1	46-57	51.6	55.4	54.1	59.6	58.6
	cSt Viscosity @ 100°C	9.39	6.0-9.7	7.76	8.90	8.52	10.11	9.81
	Flashpoint in °F	415	>385	415	410	435	435	430
	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	0.0
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.2	0.2	0.2	0.2	0.1
	TBN							3.3
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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