



OIL REPORT

LAB NUMBER: N96769

UNIT ID: 21 BRONCO SPORT

REPORT DATE: 10/15/2021

CLIENT ID: 151172

CODE: 44/68

PAYMENT: CC: MC

UNIT

MAKE/MODEL: Ford 2.0L Turbo EcoBoost
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: Pennzoil Platinum 5W/20
OIL USE INTERVAL: 4,130 Miles

CLIENT

PHONE: [REDACTED]

FAX: [REDACTED]

ALT PHONE: [REDACTED]

EMAIL: [REDACTED]

COMMENTS

BILLY: The higher metals and silicon in this report are the byproducts of initial wear-in, and after a few oil changes, copper and silicon should look more like universal averages, which are based on about 6,300 miles of oil use. The metals are from the new parts establishing clearances and the silicon is from harmless sealers and lubes. It can take a few oil changes to clear all that stuff out. There was some fuel in this sample of 5W/20, but 1.3% isn't enough to cause concern. It's likely from city driving or cold sampling. Check back to monitor wear-in progress and build trends.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,130	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	5,330							
	Sample Date	8/22/2021							
	Make Up Oil Added	0 qts							
	ALUMINUM	3	3						5
	CHROMIUM	0	0						1
	IRON	8	8						17
	COPPER	26	26						3
	LEAD	0	0						0
	TIN	0	0						0
	MOLYBDENUM	62	62						81
	NICKEL	0	0						0
	MANGANESE	1	1						1
	SILVER	0	0						0
	TITANIUM	1	1						3
	POTASSIUM	2	2						3
	BORON	83	83						65
	SILICON	50	50						14
	SODIUM	4	4						19
	CALCIUM	1011	1011						1556
	MAGNESIUM	542	542						434
	PHOSPHORUS	565	565						690
	ZINC	640	640						780
	BARIUM	1	1						1

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	49.6	46-59					
	cSt Viscosity @ 100°C	7.16	6.0-10.2					
	Flashpoint in °F	360	>385					
	Fuel %	1.3	<2.0					
	Antifreeze %	0.0	0.0					
	Water %	0.0	<0.1					
	Insolubles %	0.1	<0.6					
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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