



**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
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CLIENT	PHONE: [REDACTED] FAX: [REDACTED] ALT PHONE: [REDACTED] EMAIL: [REDACTED]
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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.
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ELEMENTS IN PARTS PER MILLION	4,130	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
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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