

OIL REPORT LAB NUMBER: N78977

UNIT ID: 21 BRONCO SPORT

REPORT DATE: 8/27/2021 CLIENT ID:

CODE: 20/68

PAYMENT: Prepaid

MAKE/MODEL:

Ford 2.0L Turbo EcoBoost

FUEL TYPE: Gasoline (Unleaded)

ADDITIONAL INFO:

OIL TYPE & GRADE:

5W/30

OIL USE INTERVAL:

4,200 Miles

CLIENT

DANIEL

PHONE:

FAX:

ALT PHONE:

EMAIL:

DANIEL: These results are typical for a new engine. The extra metal compared to universal averages is mostly from new parts wearing in, and silicon is from sealers used during assembly. It often takes a few oil changes to get all the wear-in material out of a new engine, so look for progress in the coming reports. Soon, your engine should look more like universal averages, which show typical wear for this type of engine after about 6,400 miles of oil use. A trace of fuel is okay, and the viscosity is in the 5W/20 range, which is harmless. Try about 6,000 miles next time.

	MI/HR on Oil	4,200					
	MI/HR on Unit	4,200	UNIT / LOCATION				UNIVERSAL
	Sample Date	8/15/2021	AVERAGES				AVERAGES
	Make Up Oil Added	0 qts					
MILLION	ALUMINUM	7					5
	CHROMIUM	0					1
=	IRON	10					17
	COPPER	45					3
띪	LEAD	0					0
0	TIN	0					0
PARTS	MOLYBDENUM	138					81
	NICKEL	0					0
	MANGANESE	2					1
Z	SILVER	0					0
	TITANIUM	0					3
75	POTASSIUM	2					3
N.	BORON	68					65
M	SILICON	142					14
H	SODIUM	7					19
ш	CALCIUM	1307					1567
	MAGNESIUM	390					431
	PHOSPHORUS	707					691
	ZINC	799					781
	BARIUM	1					1

Values Should Be*

ဟ	SUS Viscosity @ 210°F	50.9	55-63		
	cSt Viscosity @ 100°C	7.55	8.8-11.3		
	Flashpoint in °F	380	>385		
믣	Fuel %	TR	<2.0		
OC.	Antifreeze %	0.0	0.0		
PE	Water %	0.0	0.0		
80	Insolubles %	0.1	<0.6		
ā	TBN				
	TAN				
	ISO Code				

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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LIABILITY LIMITED TO COST OF ANALYSIS