



**OIL  
REPORT**

LAB NUMBER: S237827      UNIT ID: 25 BRONCO  
REPORT DATE: 6/11/2025      CLIENT ID:  
CODE: 20/495      PAYMENT: CC Online

UNIT	MAKE/MODEL: Ford 1.5L 3-cyl EcoBoost Turbo FUEL TYPE: Gasoline (Unleaded) ADDITIONAL INFO:	OIL TYPE & GRADE: Motorcraft 0W/20 OIL USE INTERVAL: 1,435 Miles
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CLIENT	PHONE: FAX: ALT PHONE: EMAIL:
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COMMENTS	Congrats on the new Bronco Sport! We tested your X3's oil when it was new, so you already know the break-in oil usually contains extra metal and silicone sealers which should clear out over the next few oil changes. Universal averages show how we expect this engine to look once everything settles down, based on ~6,200-mile oil changes. A little fuel isn't harmful and doesn't point to any problems—it may just be from the rings seating. The oil wasn't thinned by fuel, and low insolubles show it was properly filtered. The TBN is nice and strong. So far so good!
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ELEMENTS IN PARTS PER MILLION	Values	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
			MI/HR on Oil	MI/HR on Unit	Sample Date	Make Up Oil Added	
ALUMINUM	6	6					4
CHROMIUM	0	0					0
IRON	12	12					7
COPPER	59	59					2
LEAD	1	1					0
TIN	0	0					0
MOLYBDENUM	140	140					111
NICKEL	1	1					0
MANGANESE	4	4					2
SILVER	0	0					0
TITANIUM	0	0					3
POTASSIUM	3	3					2
BORON	138	138					60
SILICON	68	68					19
SODIUM	8	8					5
CALCIUM	1268	1268					1140
MAGNESIUM	371	371					563
PHOSPHORUS	600	600					666
ZINC	702	702					737
BARIUM	2	2					4

PROPERTIES	Values Should Be*					
	SUS Viscosity @ 210°F	cSt Viscosity @ 100°C	Flashpoint in °F	Fuel %	Antifreeze %	Water %
SUS Viscosity @ 210°F	48.9	46-57				
cSt Viscosity @ 100°C	6.94	6.0-9.7				
Flashpoint in °F	370	>385				
Fuel %	0.8	<2.0				
Antifreeze %	0.0	0.0				
Water %	0.0	0.0				
Insolubles %	TR	<0.6				
TBN	4.9	>2.0				
TAN						
ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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