



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	OIL TYPE & GRADE: Motorcraft 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 1,435 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

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	MI/HR on Oil	1,435	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	1,435							
	Sample Date	5/29/2025							
	Make Up Oil Added	0 qts							
	ALUMINUM	6		6					
	CHROMIUM	0		0					
	IRON	12		12					
	COPPER	59		59					
	LEAD	1		1					
	TIN	0		0					
	MOLYBDENUM	140		140					
	NICKEL	1		1					
	MANGANESE	4		4					
	SILVER	0		0					
	TITANIUM	0		0					
	POTASSIUM	3		3					
	BORON	138		138					
	SILICON	68		68					
	SODIUM	8		8					
	CALCIUM	1268		1268					
	MAGNESIUM	371		371					
	PHOSPHORUS	600		600					
	ZINC	702		702					
	BARIUM	2		2					

Values
Should Be*

PROPERTIES	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

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com