



OIL REPORT

LAB NUMBER:
REPORT DATE: 5/1/2025
CODE: 83/1,487

UNIT ID:
CLIENT ID:
PAYMENT:

| | | | | |
|------|--------------------|--------------------------------|-------------------|-------------------------------|
| UNIT | EQUIP. MAKE/MODEL: | Ford 1.5L 3-cyl EcoBoost Turbo | OIL TYPE & GRADE: | Pennzoil Ultra Platinum 5W/20 |
| | FUEL TYPE: | Gasoline (Unleaded) | OIL USE INTERVAL: | 10,700 Miles |
| | ADDITIONAL INFO: | Sport | | |

| | |
|--------|------------|
| CLIENT | PHONE: |
| | FAX: |
| | ALT PHONE: |
| | EMAIL: |

| | |
|----------|--|
| COMMENTS | This is another nice report for your Bronco! Slight variations in the wear profile from one run to the next (like you see here) aren't anything to worry about. No two intervals see exactly the same type of use, after all. Wear metals still suggest healthy mechanical operation. No measurable fuel or coolant was present in this sample of 5W/20, and good oil filtration kept insolubles low. A TBN of 2.9 shows there was plenty of active additive left for a longer run. Feel free to shoot for ~12,500 miles on the fresh oil. |
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|-------------------------------|-------------------|-----------|--------------------------------|------------|--|--|--|--|------|
| ELEMENTS IN PARTS PER MILLION | MI/HR on Oil | 10,700 | UNIT / LOCATION AVERAGES | 10,000 | | | | | |
| | MI/HR on Unit | 65,200 | | 54,500 | | | | | |
| | Sample Date | 4/12/2025 | | 12/29/2024 | | | | | |
| | Make Up Oil Added | 0 qts | | 0 qts | | | | | |
| | ALUMINUM | 4 | 4 | 3 | | | | | 4 |
| | CHROMIUM | 0 | 0 | 0 | | | | | 0 |
| | IRON | 9 | 8 | 6 | | | | | 8 |
| | COPPER | 2 | 3 | 3 | | | | | 2 |
| | LEAD | 0 | 0 | 0 | | | | | 0 |
| | TIN | 0 | 0 | 0 | | | | | 0 |
| | MOLYBDENUM | 112 | 151 | 190 | | | | | 112 |
| | NICKEL | 0 | 0 | 0 | | | | | 0 |
| | MANGANESE | 25 | 25 | 25 | | | | | 2 |
| | SILVER | 0 | 0 | 0 | | | | | 0 |
| | TITANIUM | 1 | 1 | 0 | | | | | 3 |
| | POTASSIUM | 1 | 1 | 1 | | | | | 2 |
| | BORON | 50 | 56 | 61 | | | | | 59 |
| | SILICON | 23 | 19 | 15 | | | | | 20 |
| | SODIUM | 8 | 8 | 8 | | | | | 5 |
| | CALCIUM | 1136 | 1209 | 1281 | | | | | 1155 |
| | MAGNESIUM | 736 | 789 | 841 | | | | | 570 |
| | PHOSPHORUS | 835 | 946 | 1056 | | | | | 672 |
| | ZINC | 708 | 710 | 712 | | | | | 741 |
| | BARIUM | 0 | 0 | 0 | | | | | 4 |

Values
Should Be*

| | | | | | | | | |
|------------|-----------------------|------|---------|------|--|--|--|--|
| PROPERTIES | SUS Viscosity @ 210°F | 55.6 | 46-57 | 55.9 | | | | |
| | cSt Viscosity @ 100°C | 8.94 | 6.0-9.7 | 9.04 | | | | |
| | Flashpoint in °F | 440 | >385 | 420 | | | | |
| | Fuel % | <0.5 | <2.0 | <0.5 | | | | |
| | Antifreeze % | 0.0 | 0.0 | 0.0 | | | | |
| | Water % | 0.0 | 0.0 | 0.0 | | | | |
| | Insolubles % | 0.1 | <0.6 | TR | | | | |
| | TBN | 2.9 | >1.0 | 2.7 | | | | |
| | 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