



## OIL REPORT

LAB NUMBER: N60596

REPORT DATE: 7/8/2021

CODE: 63/68

UNIT ID: 13 CAMARO ILE

CLIENT ID: 183764

PAYMENT: CC Online

|      |                                |                                 |
|------|--------------------------------|---------------------------------|
| UNIT | MAKE/MODEL: GM LS-3 6.2L V-8   | OIL TYPE & GRADE: Mobil 1 5W/30 |
|      | FUEL TYPE: Gasoline (Unleaded) | OIL USE INTERVAL: 4,838 Miles   |
|      | ADDITIONAL INFO:               |                                 |

|        |                      |                          |
|--------|----------------------|--------------------------|
| CLIENT | STEVEN TRESSLER      | PHONE: (724) 312-0011    |
|        | 320 OLD ROUTE 68     | FAX:                     |
|        | EVANS CITY, PA 16033 | ALT PHONE:               |
|        |                      | EMAIL: stress83@live.com |

|          |   |
|----------|---|
| COMMENTS | STEVE: Engines with after-market parts can wear differently than stock engines, so trends tend to be more helpful than the universal averages (showing mostly stock LS-3 wear after about 4,100 miles oil use) in the long run. That being said, we're not sure all the copper, lead, and tin in this sample is necessarily normal even for an engine with modifications. They may show extra wear from bronze parts, like the bearings. If oil pressure is good though and there aren't any new or unusual noises, check back in ~3,000 miles. Hopefully metals hold steady, or better yet, improve. |
|----------|---|

| ELEMENTS IN PARTS PER MILLION | MI/HR on Oil      | 4,838     | UNIT /<br>LOCATION<br>AVERAGES |  |  |  |  |  |  | UNIVERSAL<br>AVERAGES |
|-------------------------------|-------------------|-----------|--------------------------------|--|--|--|--|--|--|-----------------------|
|                               | MI/HR on Unit     | 86,745    |                                |  |  |  |  |  |  |                       |
|                               | Sample Date       | 6/16/2021 |                                |  |  |  |  |  |  |                       |
|                               | Make Up Oil Added | 2 qts     |                                |  |  |  |  |  |  |                       |
|                               | ALUMINUM          | 11        | 11                             |  |  |  |  |  |  | 7                     |
|                               | CHROMIUM          | 2         | 2                              |  |  |  |  |  |  | 1                     |
|                               | IRON              | 48        | 48                             |  |  |  |  |  |  | 30                    |
|                               | COPPER            | 166       | 166                            |  |  |  |  |  |  | 54                    |
|                               | LEAD              | 14        | 14                             |  |  |  |  |  |  | 6                     |
|                               | TIN               | 13        | 13                             |  |  |  |  |  |  | 1                     |
|                               | MOLYBDENUM        | 78        | 78                             |  |  |  |  |  |  | 103                   |
|                               | NICKEL            | 1         | 1                              |  |  |  |  |  |  | 1                     |
|                               | MANGANESE         | 3         | 3                              |  |  |  |  |  |  | 5                     |
|                               | SILVER            | 0         | 0                              |  |  |  |  |  |  | 0                     |
|                               | TITANIUM          | 9         | 9                              |  |  |  |  |  |  | 2                     |
|                               | POTASSIUM         | 2         | 2                              |  |  |  |  |  |  | 5                     |
|                               | BORON             | 69        | 69                             |  |  |  |  |  |  | 76                    |
|                               | SILICON           | 10        | 10                             |  |  |  |  |  |  | 11                    |
|                               | SODIUM            | 5         | 5                              |  |  |  |  |  |  | 20                    |
|                               | CALCIUM           | 1075      | 1075                           |  |  |  |  |  |  | 1604                  |
|                               | MAGNESIUM         | 729       | 729                            |  |  |  |  |  |  | 459                   |
|                               | PHOSPHORUS        | 658       | 658                            |  |  |  |  |  |  | 767                   |
|                               | ZINC              | 795       | 795                            |  |  |  |  |  |  | 889                   |
|                               | BARIUM            | 0         | 0                              |  |  |  |  |  |  | 0                     |

Values  
Should Be\*

|            |                       |       |          |  |  |  |  |  |
|------------|-----------------------|-------|----------|--|--|--|--|--|
| PROPERTIES | SUS Viscosity @ 210°F | 59.3  | 55-63    |  |  |  |  |  |
|            | cSt Viscosity @ 100°C | 10.01 | 8.8-11.3 |  |  |  |  |  |
|            | Flashpoint in °F      | 410   | >375     |  |  |  |  |  |
|            | Fuel %                | <0.5  | <2.0     |  |  |  |  |  |
|            | Antifreeze %          | 0.0   | 0.0      |  |  |  |  |  |
|            | Water %               | 0.0   | 0.0      |  |  |  |  |  |
|            | Insolubles %          | 0.1   | <0.6     |  |  |  |  |  |
|            | TBN                   |       |          |  |  |  |  |  |
|            | 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