



# OIL REPORT

LAB NUMBER: Q60515  
 REPORT DATE: 1/11/2023  
 CODE: 63/1,430

UNIT ID: 08 GT3  
 CLIENT ID: 100440  
 PAYMENT: CC: Visa

|      |                                  |                                 |
|------|----------------------------------|---------------------------------|
| UNIT | MAKE/MODEL: Porsche 3.6L H-6 GT3 | OIL TYPE & GRADE: Mobil 1 0W/40 |
|      | FUEL TYPE: Gasoline (Unleaded)   | OIL USE INTERVAL: 3,164 Miles   |
|      | ADDITIONAL INFO:                 |                                 |

|        |            |                       |
|--------|------------|-----------------------|
| CLIENT | [REDACTED] | PHONE: (646) 220-2830 |
|        | [REDACTED] | FAX:                  |
|        | [REDACTED] | ALT PHONE:            |
|        | [REDACTED] | EMAIL: [REDACTED]     |

**COMMENTS**  
 Sampling from the crank case vs. oil tank won't impact the results. Oil keeps everything in a nice, even suspension. Copper is on the high side again, but it's not as high as it was in the first sample, so brass/bronze parts aren't wearing more these days. It's beginning to look like above-average brass/bronze wear will be normal for this GT3, but we'll see how it keeps trending. The rest of the wear metals look good for ~3,200 miles of oil use, the slightly low viscosity is fine, and the TBN is strong. If the engine runs well with no odd noises, follow up on copper in 3,000 miles.

| ELEMENTS IN PARTS PER MILLION | MI/HR on Oil      | 3,164      | UNIT / LOCATION AVERAGES | 1,500     |          | 6,000     | UNIVERSAL AVERAGES |
|-------------------------------|-------------------|------------|--------------------------|-----------|----------|-----------|--------------------|
|                               | MI/HR on Unit     | 23,864     |                          |           |          |           |                    |
|                               | Sample Date       | 12/22/2022 |                          | 9/26/2021 | 7/1/2021 | 1/20/2020 |                    |
|                               | Make Up Oil Added | 0 qts      |                          |           |          |           |                    |
| ALUMINUM                      | 4                 | 6          | 4                        | 4         | 12       | 4         |                    |
| CHROMIUM                      | 0                 | 0          | 0                        | 0         | 1        | 0         |                    |
| IRON                          | 7                 | 11         | 4                        | 9         | 22       | 9         |                    |
| COPPER                        | 25                | 25         | 15                       | 17        | 42       | 10        |                    |
| LEAD                          | 1                 | 2          | 1                        | 2         | 4        | 5         |                    |
| TIN                           | 0                 | 0          | 0                        | 0         | 1        | 1         |                    |
| MOLYBDENUM                    | 66                | 70         | 68                       | 72        | 75       | 131       |                    |
| NICKEL                        | 1                 | 3          | 1                        | 2         | 8        | 2         |                    |
| MANGANESE                     | 0                 | 2          | 1                        | 2         | 3        | 7         |                    |
| SILVER                        | 0                 | 0          | 0                        | 1         | 0        | 0         |                    |
| TITANIUM                      | 0                 | 0          | 0                        | 0         | 0        | 0         |                    |
| POTASSIUM                     | 0                 | 2          | 1                        | 2         | 4        | 2         |                    |
| BORON                         | 246               | 247        | 246                      | 251       | 245      | 118       |                    |
| SILICON                       | 4                 | 5          | 3                        | 3         | 8        | 9         |                    |
| SODIUM                        | 5                 | 5          | 4                        | 4         | 6        | 7         |                    |
| CALCIUM                       | 2793              | 2890       | 2833                     | 2883      | 3052     | 2366      |                    |
| MAGNESIUM                     | 17                | 24         | 17                       | 37        | 26       | 83        |                    |
| PHOSPHORUS                    | 817               | 858        | 830                      | 884       | 900      | 891       |                    |
| ZINC                          | 895               | 960        | 919                      | 975       | 1050     | 1007      |                    |
| BARIUM                        | 0                 | 0          | 0                        | 0         | 0        | 0         |                    |

Values Should Be\*

| PROPERTIES            | 62.4  | 63-76     | 66.8  | 65.6  | 61.7  |
|-----------------------|-------|-----------|-------|-------|-------|
| SUS Viscosity @ 210°F | 62.4  | 63-76     | 66.8  | 65.6  | 61.7  |
| cSt Viscosity @ 100°C | 10.88 | 11.1-14.8 | 12.09 | 11.77 | 10.69 |
| Flashpoint in °F      | 415   | >385      | 380   | 410   | 360   |
| Fuel %                | <0.5  | <2.0      | TR    | <0.5  | 0.8   |
| Antifreeze %          | 0.0   | 0.0       | 0.0   | 0.0   | 0.0   |
| Water %               | 0.0   | 0.0       | 0.0   | 0.0   | 0.0   |
| Insolubles %          | 0.2   | <0.6      | 0.1   | 0.1   | 0.2   |
| TBN                   | 8.2   | >1.0      |       | 8.5   | 5.8   |
| TAN                   |       |           |       |       |       |
| ISO Code              |       |           |       |       |       |

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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