



OIL REPORT

LAB NUMBER: G06697
 REPORT DATE: 4/16/2014
 CODE: 20/75

UNIT ID: 01 LEXUS
 CLIENT ID: 58572
 PAYMENT: CC: Visa

| | | |
|-------------|--------------------------------------|---------------------------------------|
| UNIT | MAKE/MODEL: Toyota 3.0L I-6 (2JZ-GE) | OIL TYPE & GRADE: Gasoline Engine Oil |
| | FUEL TYPE: Gasoline (Unleaded) | OIL USE INTERVAL: 6,566 Miles |
| | ADDITIONAL INFO: | |

| | | |
|---------------|--------------------------|------------------------------|
| CLIENT | ROBERT KANACK | PHONE: (414) 350-0806 |
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COMMENTS ROBERT: Thanks for the notes on the dirty air filter. It must have been working well to keep dirt out of the engine since silicon read steady. If dirt was getting in, we would expect to find higher silicon, but that's just not the case here. Copper was high enough to get a mark this time and it shows wear at brass/bronze parts like bushings and bearings. Since other metals were okay, we'll just see where it goes from here before making any hard and fast calls. The viscosity was in the 5W/20 range and there wasn't any contamination to speak of. Try 7,000 miles on the next oil.

| | MI/HR on Oil | 6,566 | UNIT / LOCATION AVERAGES | 7,072 | 5,166 | | | UNIVERSAL AVERAGES |
|--------------------------------------|-------------------|----------|---------------------------------|----------|----------|--|-----|---------------------------|
| | MI/HR on Unit | 120,534 | | 113,968 | 106,896 | | | |
| | Sample Date | 04/09/14 | | 11/16/13 | 09/22/12 | | | |
| | Make Up Oil Added | | | | 0 qts | | | |
| ELEMENTS IN PARTS PER MILLION | ALUMINUM | 2 | 2 | 2 | 3 | | | 3 |
| | CHROMIUM | 1 | 1 | 1 | 1 | | | 1 |
| | IRON | 8 | 8 | 8 | 7 | | | 7 |
| | COPPER | 11 | 6 | 3 | 4 | | | 3 |
| | LEAD | 1 | 0 | 0 | 0 | | | 2 |
| | TIN | 2 | 1 | 1 | 0 | | | 1 |
| | MOLYBDENUM | 6 | 14 | 9 | 27 | | | 81 |
| | NICKEL | 2 | 1 | 1 | 1 | | | 0 |
| | MANGANESE | 0 | 0 | 0 | 0 | | | 0 |
| | SILVER | 0 | 0 | 0 | 0 | | | 0 |
| | TITANIUM | 0 | 0 | 0 | 1 | | | 1 |
| | POTASSIUM | 0 | 0 | 0 | 0 | | | 1 |
| | BORON | 3 | 9 | 5 | 20 | | | 43 |
| | SILICON | 8 | 10 | 8 | 15 | | | 12 |
| | SODIUM | 9 | 9 | 7 | 10 | | | 36 |
| | CALCIUM | 1382 | 1628 | 1739 | 1762 | | | 2187 |
| | MAGNESIUM | 49 | 44 | 65 | 17 | | | 179 |
| | PHOSPHORUS | 630 | 699 | 720 | 746 | | | 698 |
| ZINC | 765 | 837 | 880 | 867 | | | 816 | |
| BARIUM | 0 | 0 | 0 | 0 | | | 0 | |

Values Should Be*

| PROPERTIES | SUS Viscosity @ 210°F | 52.7 | | 57.3 | 53.4 | | |
|-------------------|-----------------------|------|--|------|------|--|--|
| | cSt Viscosity @ 100°C | 8.08 | | 9.44 | 8.31 | | |
| Flashpoint in °F | 380 | >365 | | 380 | 395 | | |
| Fuel % | <0.5 | <2.0 | | <0.5 | <0.5 | | |
| Antifreeze % | 0.0 | 0.0 | | 0.0 | 0.0 | | |
| Water % | 0.0 | <0.1 | | 0.0 | 0.0 | | |
| Insolubles % | 0.1 | <0.6 | | 0.2 | 0.3 | | |
| TBN | | | | | | | |
| TAN | | | | | | | |
| ISO Code | | | | | | | |

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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