



OIL REPORT

LAB NUMBER: H54954
 REPORT DATE: 6/3/2016
 CODE: 20/32

UNIT ID: 16 FT JAG
 CLIENT ID:
 PAYMENT: Repair

| | | |
|-------------|--|-----------------------------------|
| UNIT | MAKE/MODEL: Jaguar 3.0L Supercharged V-6 AJ126 | OIL TYPE & GRADE: Synthetic 5W/30 |
| | FUEL TYPE: Gasoline (Unleaded) | OIL USE INTERVAL: 10,500 Miles |
| | ADDITIONAL INFO: | |

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

COMMENTS MATT: These are typical results for a factory oil change sample. Metals like aluminum, iron, and copper are largely from the initial wear-in process, and silicon is from gaskets and residual sealer material. The metal being there won't hurt anything, and all it should take is a couple oil changes before this engine looks as good on our end of things as the F-Type does in person. We're not sure what to make of titanium. That's a common additive in some oils, or it could be from the engine if it's running any titanium parts. We'll see how it trends from here. Just check back.

| ELEMENTS IN PARTS PER MILLION | MI/HR on Oil | 10,500 | UNIT / LOCATION AVERAGES | | | | | UNIVERSAL AVERAGES |
|--------------------------------------|-------------------|-----------|---------------------------------|--|--|--|------|---------------------------|
| | MI/HR on Unit | 10,500 | | | | | | |
| | Sample Date | 5/24/2016 | | | | | | |
| | Make Up Oil Added | 0 qts | | | | | | |
| ALUMINUM | 27 | 27 | | | | | 3 | |
| CHROMIUM | 0 | 0 | | | | | 1 | |
| IRON | 49 | 49 | | | | | 16 | |
| COPPER | 22 | 22 | | | | | 5 | |
| LEAD | 1 | 1 | | | | | 1 | |
| TIN | 1 | 1 | | | | | 0 | |
| MOLYBDENUM | 0 | 0 | | | | | 65 | |
| NICKEL | 1 | 1 | | | | | 1 | |
| MANGANESE | 27 | 27 | | | | | 2 | |
| SILVER | 0 | 0 | | | | | 0 | |
| TITANIUM | 50 | 50 | | | | | 0 | |
| POTASSIUM | 15 | 15 | | | | | 2 | |
| BORON | 58 | 58 | | | | | 27 | |
| SILICON | 82 | 82 | | | | | 13 | |
| SODIUM | 19 | 19 | | | | | 29 | |
| CALCIUM | 1753 | 1753 | | | | | 2247 | |
| MAGNESIUM | 12 | 12 | | | | | 158 | |
| PHOSPHORUS | 670 | 670 | | | | | 758 | |
| ZINC | 837 | 837 | | | | | 884 | |
| BARIUM | 3 | 3 | | | | | 0 | |

Values Should Be*

| PROPERTIES | SUS Viscosity @ 210°F | 55.1 | 54-63 | | | | |
|-------------------|-----------------------|------|----------|--|--|--|--|
| | cSt Viscosity @ 100°C | 8.79 | 8.5-11.3 | | | | |
| | Flashpoint in °F | 435 | >365 | | | | |
| | Fuel % | <0.5 | <2.0 | | | | |
| | Antifreeze % | 0.0 | 0.0 | | | | |
| | Water % | 0.0 | 0.0 | | | | |
| | Insolubles % | 0.2 | <0.6 | | | | |
| | TBN | | | | | | |
| | TAN | | | | | | |
| ISO Code | | | | | | | |

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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