



OIL ANALYSIS REPORT

| | |
|-----------------|--------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Machine Id
91016
Component
Front Transmission (Auto)
Fluid
ALLISON TES 295 (16 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

Metal levels are typical for a new component breaking in.

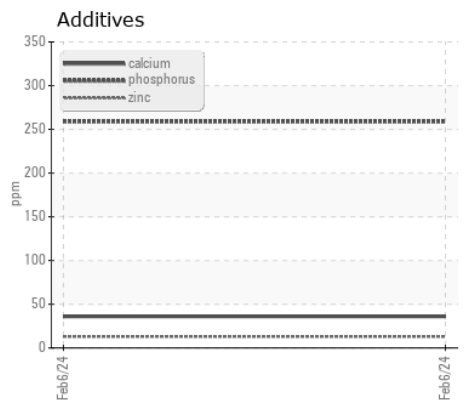
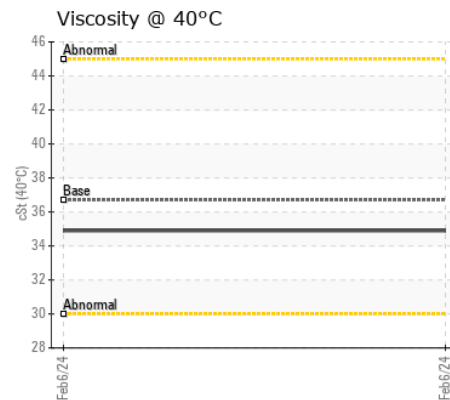
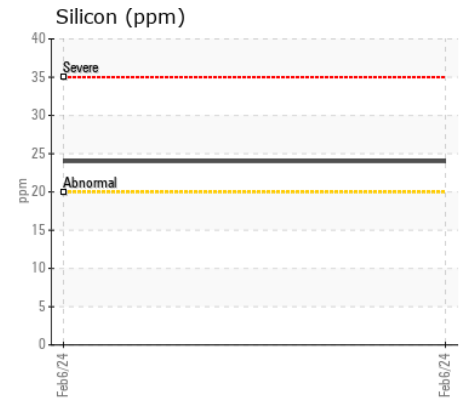
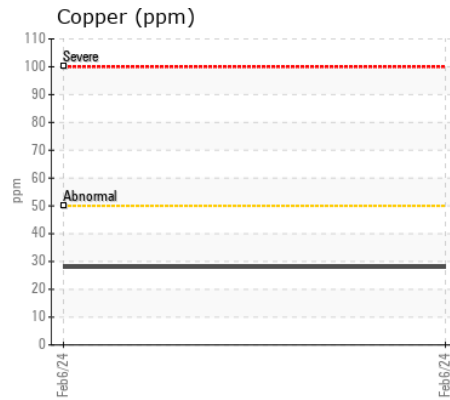
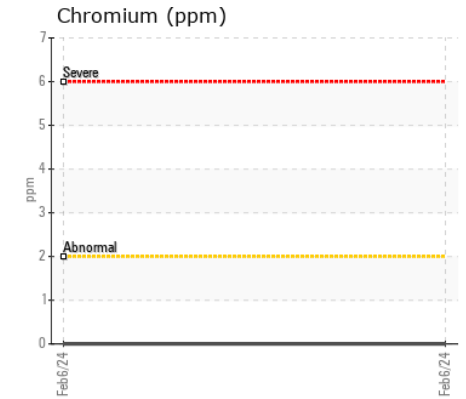
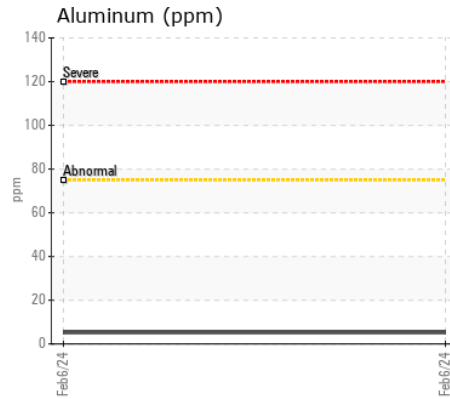
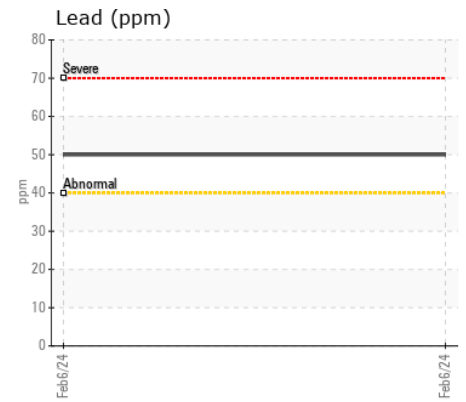
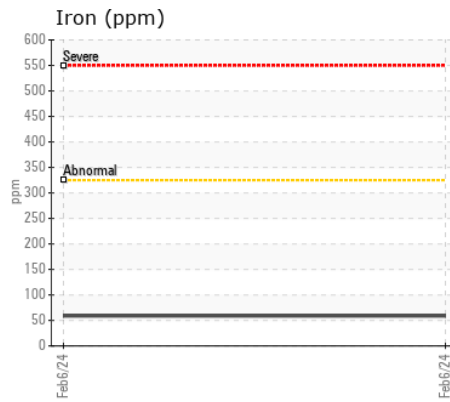
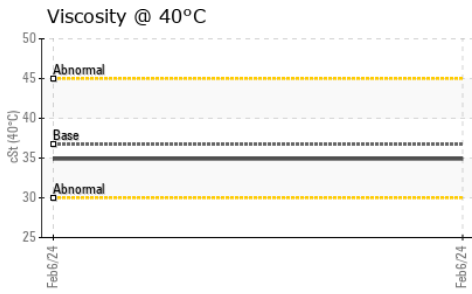
CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

The condition of the fluid is acceptable for the time in service.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|--------|-------------|-----------|-------------|----------|----------|
| Sample Number | | Client Info | | WC0824046 | --- | --- |
| Sample Date | | Client Info | | 06 Feb 2024 | --- | --- |
| Machine Age | mls | Client Info | | 52676 | --- | --- |
| Oil Age | mls | Client Info | | 52676 | --- | --- |
| Filter Age | mls | Client Info | | 52676 | --- | --- |
| Oil Changed | | Client Info | | N/A | --- | --- |
| Filter Changed | | Client Info | | N/A | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |
| Iron | ppm | ASTM D5185m | >325 | 59 | --- | --- |
| Chromium | ppm | ASTM D5185m | >2 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185m | >2 | 0 | --- | --- |
| Titanium | ppm | ASTM D5185m | >3 | 0 | --- | --- |
| Silver | ppm | ASTM D5185m | >5 | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185m | >75 | 5 | --- | --- |
| Lead | ppm | ASTM D5185m | >40 | 50 | --- | --- |
| Copper | ppm | ASTM D5185m | >50 | 28 | --- | --- |
| Tin | ppm | ASTM D5185m | >10 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | --- | --- |
| White Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Silicon | ppm | ASTM D5185m | >20 | 24 | --- | --- |
| Potassium | ppm | ASTM D5185m | >20 | 2 | --- | --- |
| Water | | WC Method | >0.1 | NEG | --- | --- |
| Silt | scalar | *Visual | NONE | NONE | --- | --- |
| Debris | scalar | *Visual | NONE | NONE | --- | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | --- | --- |
| Appearance | scalar | *Visual | NORML | NORML | --- | --- |
| Odor | scalar | *Visual | NORML | NORML | --- | --- |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | --- | --- |
| Sodium | ppm | ASTM D5185m | | 11 | --- | --- |
| Boron | ppm | ASTM D5185m | 133 | 111 | --- | --- |
| Barium | ppm | ASTM D5185m | 0 | 1 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | 0 | 0 | --- | --- |
| Manganese | ppm | ASTM D5185m | | 4 | --- | --- |
| Magnesium | ppm | ASTM D5185m | 0 | 0 | --- | --- |
| Calcium | ppm | ASTM D5185m | 27 | 36 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | 293 | 259 | --- | --- |
| Zinc | ppm | ASTM D5185m | 0 | 13 | --- | --- |
| Sulfur | ppm | ASTM D5185m | 1050 | 504 | --- | --- |
| Visc @ 40°C | cSt | ASTM D445 | 36.7 | 34.9 | --- | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : WC0824046

Lab Number : 06085538

Unique Number : 10872983

Test Package : MOB 1

Received : 09 Feb 2024

Tested : 13 Feb 2024

Diagnosed : 13 Feb 2024 - Don Baldrige

ATEL BUS & TRUCK

12120 CONWAY RD

BELTSVILLE, MD

US 20705

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To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)