

OIL ANALYSIS REPORT

Sample Rating Trend



Area CFR#41916 5410009396-04H11

Component Transmission (Auto)

Fluid MOBIL DELVAC SYNTHETIC ATF (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

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.

| SAMPLE INFORM | IATION | method | limit/base | current | history1 | history2 |
|---------------|--------|---------------|------------|-------------|----------|----------|
| Sample Number | | Client Info | | WC877039 | | |
| Sample Date | | Client Info | | 14 Jun 2024 | | |
| Machine Age | hrs | Client Info | | 3924 | | |
| Oil Age | hrs | Client Info | | 1947 | | |
| Oil Changed | | Client Info | | N/A | | |
| Sample Status | | | | NORMAL | | |
| CONTAMINATION | ٧ | method | limit/base | current | history1 | history2 |
| Water | | WC Method | >0.1 | NEG | | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185(m) | >230 | 19 | | |
| Chromium | ppm | ASTM D5185(m) | >2 | 0 | | |
| Nickel | ppm | ASTM D5185(m) | >5 | <1 | | |
| Titanium | ppm | ASTM D5185(m) | >2 | 0 | | |
| Silver | ppm | ASTM D5185(m) | >5 | <1 | | |
| Aluminum | ppm | ASTM D5185(m) | >65 | 4 | | |
| Lead | ppm | ASTM D5185(m) | >55 | 4 | | |
| Copper | ppm | ASTM D5185(m) | >85 | 34 | | |
| Tin | ppm | ASTM D5185(m) | >5 | <1 | | |
| Antimony | ppm | ASTM D5185(m) | | 0 | | |
| Vanadium | ppm | ASTM D5185(m) | | 0 | | |
| Beryllium | ppm | ASTM D5185(m) | | 0 | | |
| Cadmium | ppm | ASTM D5185(m) | | 0 | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185(m) | | 193 | | |
| Barium | ppm | ASTM D5185(m) | | 2 | | |
| Molybdenum | ppm | ASTM D5185(m) | | 0 | | |
| Manganese | ppm | ASTM D5185(m) | | <1 | | |
| Magnesium | ppm | ASTM D5185(m) | | <1 | | |
| Calcium | ppm | ASTM D5185(m) | | 156 | | |
| Phosphorus | ppm | ASTM D5185(m) | | 443 | | |
| Zinc | ppm | ASTM D5185(m) | | 13 | | |
| Sulfur | ppm | ASTM D5185(m) | | 1338 | | |
| Lithium | ppm | ASTM D5185(m) | | <1 | | |
| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185(m) | >20 | 4 | | |
| Sodium | ppm | ASTM D5185(m) | | 4 | | |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | | |





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VICUAL

| 44 Abnorm | d | |
|-----------|---|--|
| 42 | | |
| 40 - | | |
| Base | | |
| 38 - | | |
| 36- | | |
| | | |
| 34 Abnorm | 1 | |
| 32 | | |
| 30 | | |
| 30 4 | | |

| | VISUAL | | metho | d limit/t | base d | current | history1 | history |
|-------------|--|------------------------|---------------------------------|--|-------------------------------|---------------|--|--|
| | White Metal | scalar | Visual* | NONE | NC | DNE | | |
| | Yellow Metal | scalar | Visual* | NONE | NC | ONE | | |
| | Precipitate | scalar | Visual* | NONE | NC | DNE | | |
| | Silt | scalar | Visual* | NONE | NC | DNE | | |
| | Debris | scalar | Visual* | NONE | NC | DNE | | |
| | Sand/Dirt | scalar | Visual* | NONE | NC | DNE | | |
| | Appearance | scalar | Visual* | NORM | 1L NC | ORML | | |
| | Odor | scalar | Visual* | NORM | IL NC | ORML | | |
| | Emulsified Water | scalar | Visual* | >0.1 | NE | G | | |
| | Free Water | scalar | Visual* | | NE | G | | |
| | FLUID PROPER | RTIES | metho | d limit/t | base (| current | history1 | history |
| | Visc @ 40°C | cSt | ASTM D7279 | | 35 | .7 | | |
| | SAMPLE IMAGE | ES | metho | d limit/t | oase o | current | history1 | history |
| | | _0 | mouno | | | | | |
| | Color | | | | | | no image | no image |
| | | | | | | | | |
| | | | | | (| | | |
| | Bottom | | | | | | no image | no image |
| | | | | | | | | |
| | GRAPHS | | | | | | | |
| | Iron (ppm) 400 _T Severe | | | | Lea 100 _T Seven | d (ppm) | | |
| | 200 Abnormal | | | | Abno | rmal | | |
| ŝ | | | | | d | | | |
| | 24 10 | | | 24 | 24+10 | | | |
| | Jun 14/24 | | | Jun 14/24 | un14/ | | | |
| | → Aluminum (ppm) | ` | | ~ | ⊸ Chr | omium (pp | m) | |
| | 150 | , | | | 10 _T | onnunn (pp | | |
| | 100 Abnormal | | | | E 5 | 8 | | |
| ŝ | 50- | | | | Abno | rmal | | |
| | 24 L 0 | | | 24 | 24+10 | | | |
| | Jun 14/24 | | | Jun 14/24 | Jun 14/24 | | | |
| | | | | 7 | | on (nnm) | | |
| | Copper (ppm) | | | | 40 T | on (ppm) | | |
| | | | | | E 20 - Abno | | | |
| 5 | 50- | | | | 8-0 | | | |
| | 24+10 | | | 24+ | 24 0 | | | |
| | Jun 14/24 | | | Jun 14/24 | Jun 14/24 | | | |
| | | | | η | , | itiya - | | |
| | Viscosity @ 40°C | • | | | Add | itives | | |
| | | | | | 100 | calcium | | |
| | 35 + Abnormal | | | | E 200 | zinc | | |
| | 30 | | | + | 0 | | ~ | |
| | | | | Jun14/24 | Jun 14/24 | | | |
| | 14/2 | | | Jun | Jun | | | |
| | Jun 14/24 | | | | | | | |
| | - | 75 Applab | uline Du | urlington O | | | | |
| | : WearCheck - C8-117 | | | | | | MENT OF NAT | |
| | : WearCheck - C8-117 : WC877039 | Rece | ived | : 21 Jun 20 |)24 | | MENT OF NAT EORGE R.PEA | RKES BUILD |
| | : WearCheck - C8-117 | Recei Teste | ived ed | : 21 Jun 20 : 21 Jun 20 |)24 | MGEN.G | | |
| | : WearCheck - C8-117 : WC877039 : <mark>02643436</mark> | Recei Teste | ived ed | : 21 Jun 20 : 21 Jun 20 |)24)24 | MGEN.G son | EORGE R.PEA Contact: F | RKES BUILD OTTAWA, CA K1A (Philippe Char |
| r r e | : WearCheck - C8-117 : WC877039 : <mark>02643436</mark> : 5800975 | Rece Teste Diagr | ived d nosed 800-268-2 | : 21 Jun 20 : 21 Jun 20 : 21 Jun 2024 : <i>131.</i> |)24)24 1 - Kevin Mar | MGEN.G son | EORGE R.PEA Contact: F philippe.charro | RKES BUILD OTTAWA, CA K1A Philippe Char |

To discuss this sample rep Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

Report Id: DEPOTT [WCAMIS] 02643436 (Generated: 06/21/2024 16:10:22) Rev: 1

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