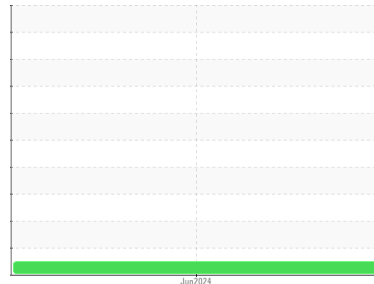




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
NOT GIVEN RP0039436 (S/N NO INFO GIVEN)
 Component
Gearbox
 Fluid
{not provided} (--- QTS)

DIAGNOSIS

Recommendation
 Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear
 All component wear rates are normal.

Contamination
 The water content is negligible. There is no indication of any contamination in the oil.

Fluid Condition
 The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

| method | limit/base | current | history1 | history2 |
|---------------|-----------------|--------------------|----------|----------|
| Sample Number | Client Info | RP0039436 | --- | --- |
| Sample Date | Client Info | 11 Jun 2024 | --- | --- |
| Machine Age | hrs Client Info | 0 | --- | --- |
| Oil Age | hrs Client Info | 0 | --- | --- |
| Oil Changed | Client Info | N/A | --- | --- |
| Sample Status | | NORMAL | --- | --- |

WEAR METALS

| method | limit/base | current | history1 | history2 |
|--------------|------------------|--------------|----------|----------|
| Iron ppm | ASTM D5185m >200 | 2 | --- | --- |
| Chromium ppm | ASTM D5185m >15 | 0 | --- | --- |
| Nickel ppm | ASTM D5185m >15 | 0 | --- | --- |
| Titanium ppm | ASTM D5185m | 0 | --- | --- |
| Silver ppm | ASTM D5185m | 0 | --- | --- |
| Aluminum ppm | ASTM D5185m >25 | 2 | --- | --- |
| Lead ppm | ASTM D5185m >100 | 5 | --- | --- |
| Copper ppm | ASTM D5185m >200 | 9 | --- | --- |
| Tin ppm | ASTM D5185m >25 | <1 | --- | --- |
| Vanadium ppm | ASTM D5185m | <1 | --- | --- |
| Cadmium ppm | ASTM D5185m | <1 | --- | --- |

ADDITIVES

| method | limit/base | current | history1 | history2 |
|----------------|-------------|--------------|----------|----------|
| Boron ppm | ASTM D5185m | 60 | --- | --- |
| Barium ppm | ASTM D5185m | 0 | --- | --- |
| Molybdenum ppm | ASTM D5185m | 72 | --- | --- |
| Manganese ppm | ASTM D5185m | <1 | --- | --- |
| Magnesium ppm | ASTM D5185m | 235 | --- | --- |
| Calcium ppm | ASTM D5185m | 2073 | --- | --- |
| Phosphorus ppm | ASTM D5185m | 1077 | --- | --- |
| Zinc ppm | ASTM D5185m | 1263 | --- | --- |

CONTAMINANTS

| method | limit/base | current | history1 | history2 |
|---------------|------------------|--------------|----------|----------|
| Silicon ppm | ASTM D5185m >50 | 4 | --- | --- |
| Sodium ppm | ASTM D5185m | 6 | --- | --- |
| Potassium ppm | ASTM D5185m >20 | 2 | --- | --- |
| Water % | ASTM D6304 >0.2 | 0.037 | --- | --- |
| ppm Water | ASTM D6304 >2000 | 372 | --- | --- |

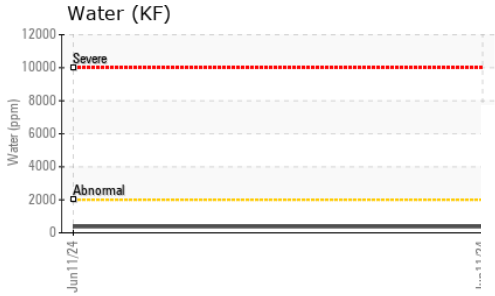
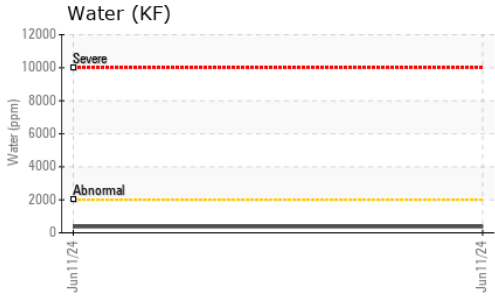
FLUID DEGRADATION

| method | limit/base | current | history1 | history2 |
|---------------------------|------------|-------------|----------|----------|
| Acid Number (AN) mg KOH/g | ASTM D8045 | 1.12 | --- | --- |

VISUAL



| method | limit/base | current | history1 | history2 |
|-------------------------|---------------|--------------|----------|----------|
| White Metal scalar | *Visual NONE | NONE | --- | --- |
| Yellow Metal scalar | *Visual NONE | NONE | --- | --- |
| Precipitate scalar | *Visual NONE | NONE | --- | --- |
| 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 >0.2 | NEG | --- | --- |
| Free Water scalar | *Visual | NEG | --- | --- |

OIL ANALYSIS REPORT

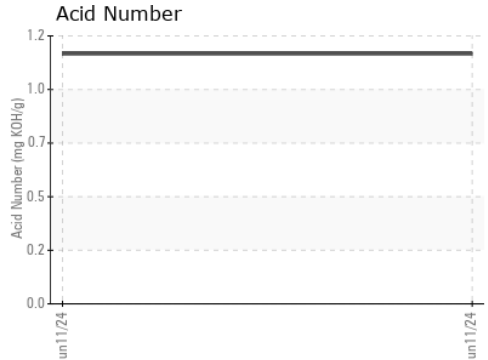
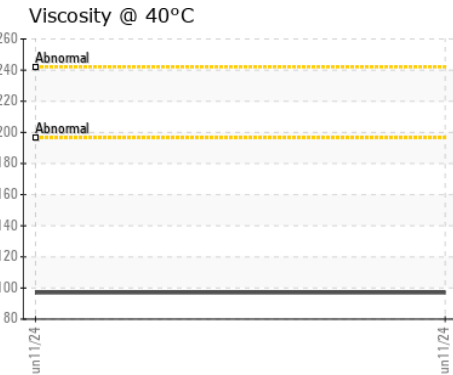
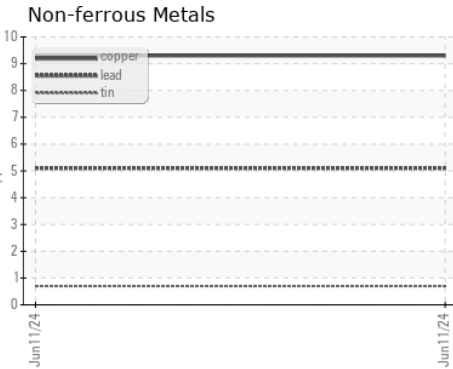
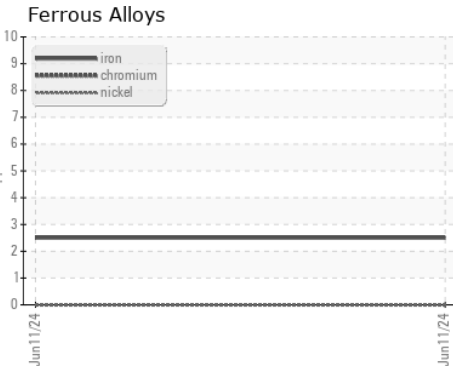


| FLUID PROPERTIES | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|-------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 | 97.0 | --- | --- |

| SAMPLE IMAGES | method | limit/base | current | history1 | history2 |
|---------------|--------|------------|---------|----------|----------|
|---------------|--------|------------|---------|----------|----------|

| | | | | | |
|--------|--|--|-------------------------------------------------------------------------------------|----------|----------|
| Color | | |  | no image | no image |
| Bottom | | |  | no image | no image |

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0039436
Lab Number : 06207916
Unique Number : 11075377
Test Package : IND 2

Received : 12 Jun 2024
Tested : 19 Jun 2024
Diagnosed : 19 Jun 2024 - Jonathan Hester

VEOLIA SMITHFIELD
 P.O. BOX 17249
 SMITHFIELD, RI
 US 02917

Contact: KEVIN REGAN
 kevin.regan@veolia.com

T: (401)231-1506
 F: (401)231-7089

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)