



OIL ANALYSIS REPORT

Sample Rating Trend

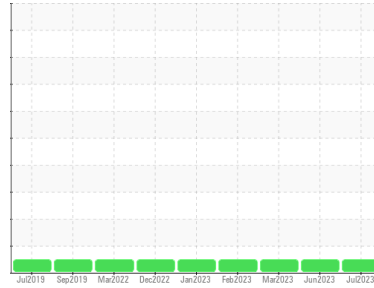
NORMAL



Machine Id
6 MOTOR FRONT 6 MOTOR FRONT

Component
Bearing

Fluid
ROYAL PURPLE SYNFILM 32 (--- 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 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 | | RP0018373 | RP0018378 | RP0020584 |
| Sample Date | Client Info | | 16 Jul 2023 | 08 Jun 2023 | 08 Mar 2023 |
| Machine Age | hrs | Client Info | 0 | 0 | 0 |
| Oil Age | hrs | Client Info | 0 | 0 | 0 |
| Oil Changed | Client Info | | N/A | N/A | N/A |
| Sample Status | | | NORMAL | NORMAL | NORMAL |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|----------|--------|-----------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185m >20 | 0 | 0 | <1 |
| Chromium | ppm | ASTM D5185m >20 | 0 | 0 | 0 |
| Nickel | ppm | ASTM D5185m >20 | 0 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185m | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m >20 | <1 | 0 | <1 |
| Lead | ppm | ASTM D5185m >20 | 13 | 10 | 14 |
| Copper | ppm | ASTM D5185m >20 | 3 | 3 | 12 |
| Tin | ppm | ASTM D5185m >20 | 2 | 3 | 5 |
| Vanadium | ppm | ASTM D5185m | <1 | 0 | 0 |
| Cadmium | ppm | ASTM D5185m | 0 | 0 | 0 |

ADDITIVES

| | method | limit/base | current | history1 | history2 |
|------------|--------|----------------|-----------|----------|----------|
| Boron | ppm | ASTM D5185m | 0 | 0 | 0 |
| Barium | ppm | ASTM D5185m | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | 0 | 0 | 0 |
| Manganese | ppm | ASTM D5185m | 0 | 0 | 0 |
| Magnesium | ppm | ASTM D5185m 90 | 65 | 56 | 36 |
| Calcium | ppm | ASTM D5185m | 0 | <1 | <1 |
| Phosphorus | ppm | ASTM D5185m | 11 | 15 | 15 |
| Zinc | ppm | ASTM D5185m | 15 | 25 | 12 |

CONTAMINANTS

| | method | limit/base | current | history1 | history2 |
|-----------|--------|-----------------|--------------|----------|----------|
| Silicon | ppm | ASTM D5185m >15 | <1 | <1 | <1 |
| Sodium | ppm | ASTM D5185m | 0 | 1 | 0 |
| Potassium | ppm | ASTM D5185m >20 | <1 | <1 | <1 |
| Water | % | ASTM D6304 >2 | 0.018 | 0.015 | 0.016 |
| ppm Water | ppm | ASTM D6304 | 188.6 | 153.7 | 163.7 |

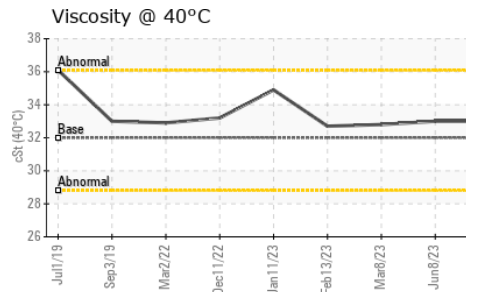
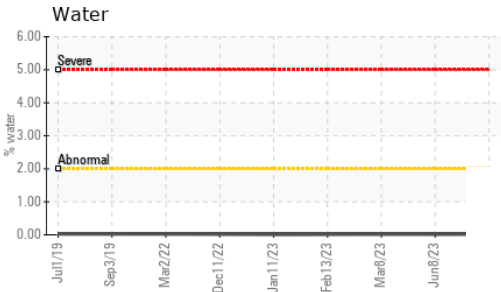
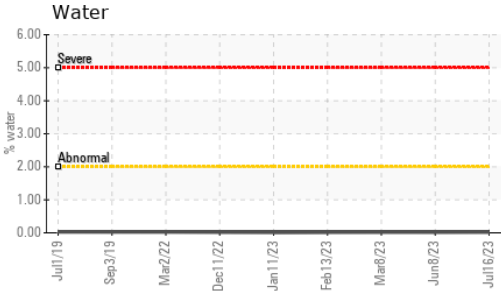
FLUID DEGRADATION

| | method | limit/base | current | history1 | history2 |
|------------------|----------|------------|-------------|----------|----------|
| Acid Number (AN) | mg KOH/g | ASTM D8045 | 0.33 | 0.31 | 0.29 |

VISUAL

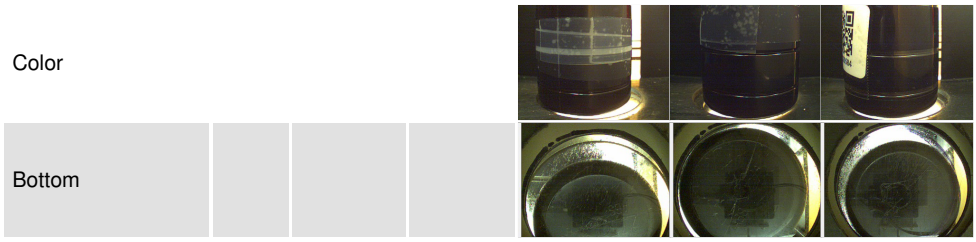
| | method | limit/base | current | history1 | history2 |
|------------------|--------|---------------|--------------|----------|----------|
| White Metal | scalar | *Visual NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual NONE | NONE | NONE | NONE |
| Precipitate | scalar | *Visual NONE | NONE | NONE | NONE |
| Silt | scalar | *Visual NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual NONE | NONE | NONE | NONE |
| Sand/Dirt | scalar | *Visual NONE | NONE | NONE | NONE |
| Appearance | scalar | *Visual NORML | NORML | NORML | NORML |
| Odor | scalar | *Visual NORML | NORML | NORML | NORML |
| Emulsified Water | scalar | *Visual >2 | NEG | NEG | NEG |
| Free Water | scalar | *Visual | NEG | NEG | NEG |

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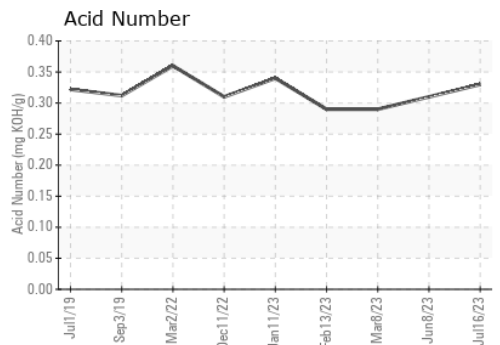
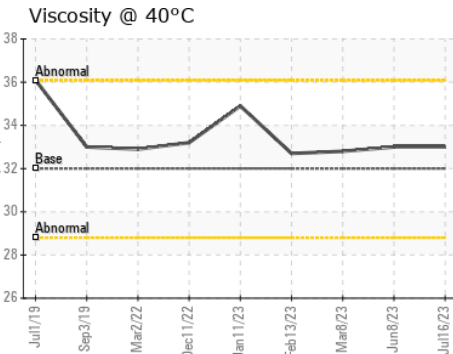
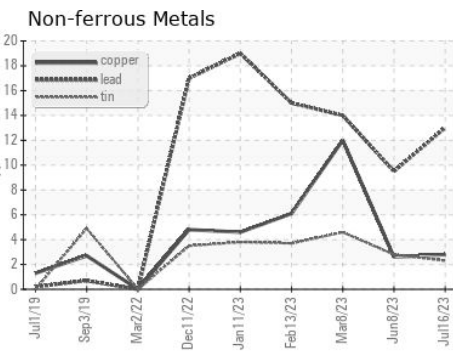
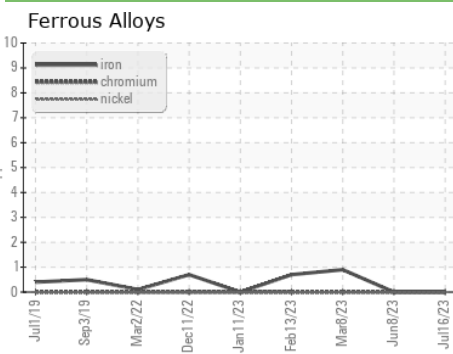


| FLUID PROPERTIES | | method | limit/base | current | history1 | history2 |
|------------------|-----|-----------|------------|-------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 | 32 | 33.0 | 33.0 | 32.8 |

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



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0018373
Lab Number : 05900012
Unique Number : 10561368
Test Package : IND 2

ENERGY TRANSFER - MAYPEARL
 15230 FM 916
 MAYPEARL, TX
 US 76064
 Contact: DYLAN FRANKLIN
 dylan.franklin@energytransfer.com

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)

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F: