



WEAR CHECK

OIL ANALYSIS REPORT

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

Area
2H28
Machine Id
Component
KENWORTH T-270 JTK8744 (S/N 2NKHHM7XXEM407130)
Fluid
DEXRON III (5 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | ARI0007676 | ARI0006391 | ARI0006432 |
| Sample Date | | Client Info | | 09 May 2024 | 20 Dec 2023 | 04 Oct 2022 |
| Machine Age | mls | Client Info | | 101621 | 98455 | 84885 |
| Oil Age | mls | Client Info | | 0 | 13570 | 0 |
| Filter Age | mls | Client Info | | 0 | 13570 | 0 |
| Oil Changed | | Client Info | | Changed | Not Changd | N/A |
| Filter Changed | | Client Info | | Changed | Not Changd | N/A |
| Sample Status | | | | NORMAL | NORMAL | ABNORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|------|---------|
| Iron | ppm | ASTM D5185m | >160 | 89 | 91 | 92 |
| Chromium | ppm | ASTM D5185m | >5 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185m | >5 | 0 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Silver | ppm | ASTM D5185m | >5 | <1 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >50 | 27 | 25 | 22 |
| Lead | ppm | ASTM D5185m | >50 | 5 | 4 | 6 |
| Copper | ppm | ASTM D5185m | >225 | 9 | 9 | 9 |
| Tin | ppm | ASTM D5185m | >10 | 5 | 5 | 4 |
| Vanadium | ppm | ASTM D5185m | | <1 | <1 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | ▲ MODER |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

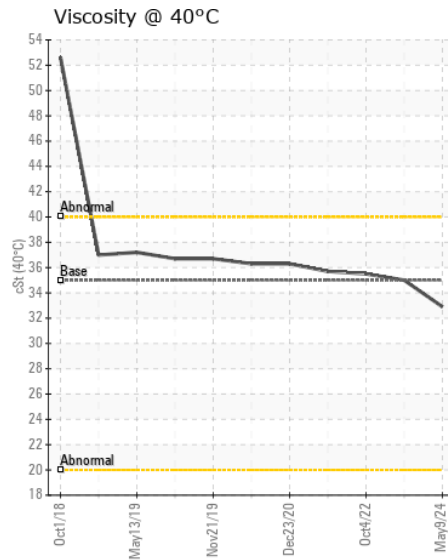
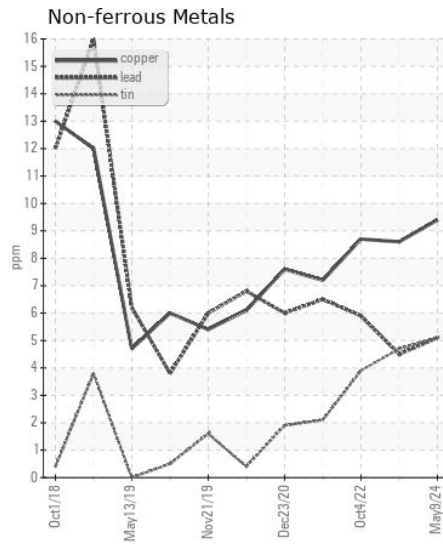
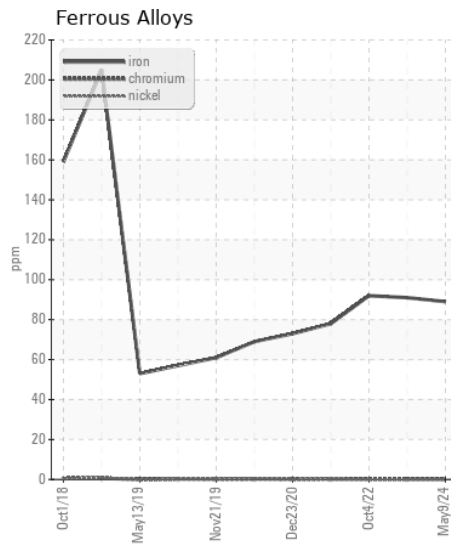
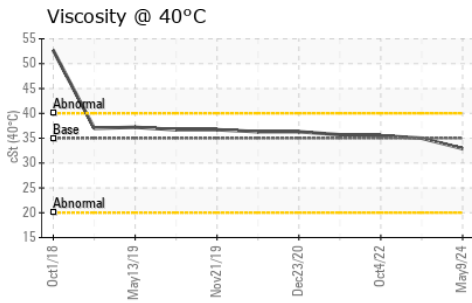
There is no indication of any contamination in the fluid.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|---------|
| Silicon | ppm | ASTM D5185m | >20 | 7 | 6 | 7 |
| Potassium | ppm | ASTM D5185m | >20 | 3 | 2 | 2 |
| Water | | WC Method | >0.1 | NEG | NEG | NEG |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | NONE | NONE | ▲ MODER |
| 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 | >0.1 | NEG | NEG | NEG |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|------|--------------|------|------|
| Sodium | ppm | ASTM D5185m | | 10 | 7 | 6 |
| Boron | ppm | ASTM D5185m | | 71 | 60 | 65 |
| Barium | ppm | ASTM D5185m | | <1 | 0 | 2 |
| Molybdenum | ppm | ASTM D5185m | | <1 | 0 | <1 |
| Manganese | ppm | ASTM D5185m | | 2 | 2 | 3 |
| Magnesium | ppm | ASTM D5185m | | 1 | <1 | <1 |
| Calcium | ppm | ASTM D5185m | | 105 | 37 | 14 |
| Phosphorus | ppm | ASTM D5185m | | 247 | 183 | 184 |
| Zinc | ppm | ASTM D5185m | | 11 | 12 | 9 |
| Sulfur | ppm | ASTM D5185m | | 1219 | 1031 | 1126 |
| Visc @ 40°C | cSt | ASTM D445 | 35.0 | 32.9 | 35.0 | 35.5 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ARI0007676
Lab Number : 06194505
Unique Number : 11056628
Test Package : CONST

Received : 29 May 2024
Tested : 30 May 2024
Diagnosed : 30 May 2024 - Wes Davis

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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)

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