



OIL ANALYSIS REPORT

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

Area

[25044]

Machine Id

18-80

Component

Transmission (Manual)

Fluid

KENDALL SHP SYNTHETIC TRANSOIL 50 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|-------------|-------------|-------------|
| Sample Number | | Client Info | | WC0941350 | WC0842872 | WC0745015 |
| Sample Date | | Client Info | | 20 Jun 2024 | 11 Oct 2023 | 18 Jan 2023 |
| Machine Age | kms | Client Info | | 232601 | 306794 | 179271 |
| Oil Age | kms | Client Info | | 0 | 0 | 0 |
| Filter Age | kms | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Not Changd | Not Changd | Not Changd |
| Filter Changed | | Client Info | | N/A | Not Changd | Not Changd |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|---------------|------|------|-------|------|
| Iron | ppm | ASTM D5185(m) | >200 | 55 | 68 | 123 |
| Chromium | ppm | ASTM D5185(m) | >5 | <1 | <1 | 2 |
| Nickel | ppm | ASTM D5185(m) | >5 | <1 | <1 | <1 |
| Titanium | ppm | ASTM D5185(m) | | 0 | 0 | <1 |
| Silver | ppm | ASTM D5185(m) | >7 | 0 | <1 | 0 |
| Aluminum | ppm | ASTM D5185(m) | >25 | 5 | 5 | 8 |
| Lead | ppm | ASTM D5185(m) | >45 | 0 | <1 | <1 |
| Copper | ppm | ASTM D5185(m) | >225 | 6 | 6 | 15 |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | 0 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| White Metal | scalar | Visual* | NONE | NONE | LIGHT | NONE |
| Yellow Metal | scalar | Visual* | NONE | NONE | NONE | NONE |

CONTAMINATION

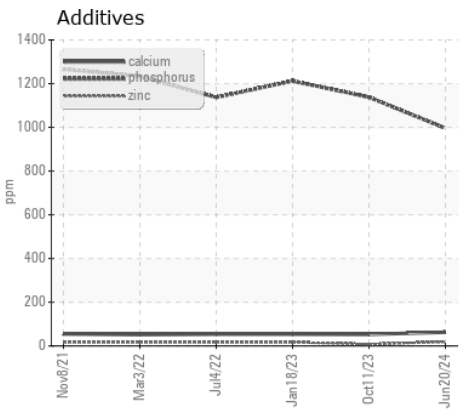
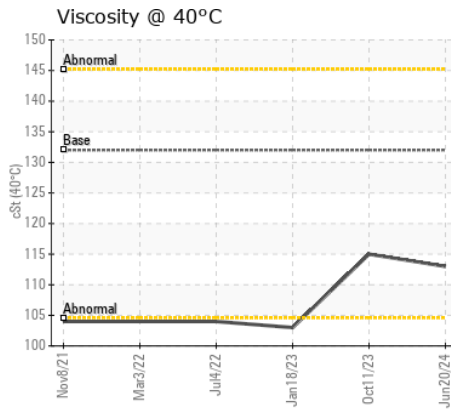
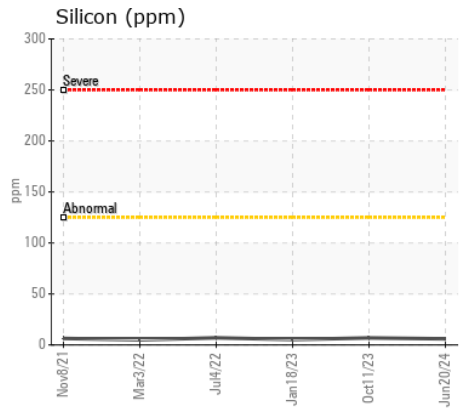
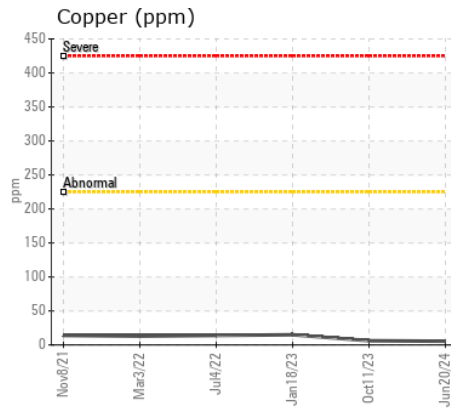
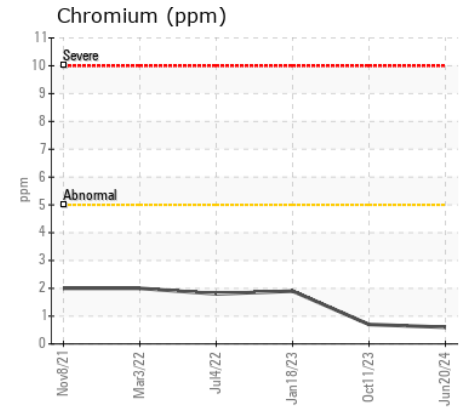
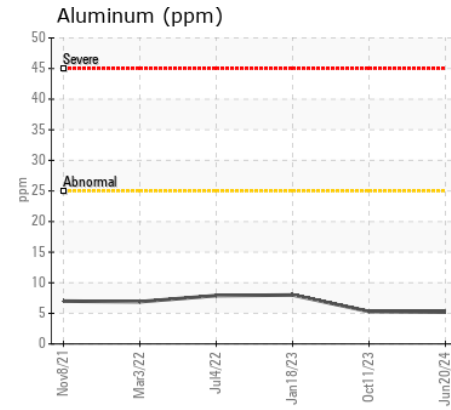
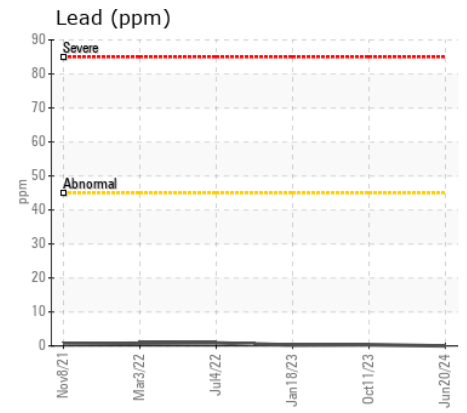
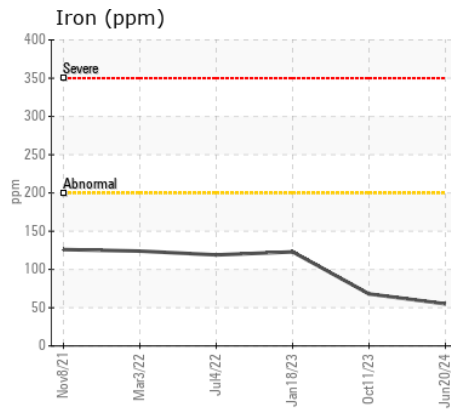
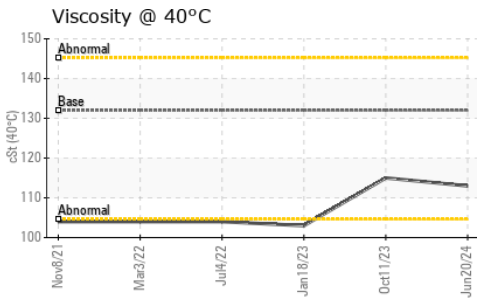
There is no indication of any contamination in the fluid.

| | | | | | | |
|------------------|--------|---------------|-------|-------|-------|-------|
| Silicon | ppm | ASTM D5185(m) | >125 | 6 | 7 | 5 |
| Potassium | ppm | ASTM D5185(m) | >20 | 6 | 3 | 6 |
| Water | | WC Method | >0.1 | NEG | NEG | NEG |
| Silt | scalar | Visual* | NONE | VLITE | NONE | NONE |
| Debris | scalar | Visual* | NONE | NONE | NONE | NONE |
| Sand/Dirt | scalar | Visual* | NONE | NONE | VLITE | 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 D5185(m) | | 8 | 7 | 17 |
| Boron | ppm | ASTM D5185(m) | | 195 | 265 | 245 |
| Barium | ppm | ASTM D5185(m) | | 2 | 2 | 6 |
| Molybdenum | ppm | ASTM D5185(m) | | <1 | <1 | 2 |
| Manganese | ppm | ASTM D5185(m) | | 5 | 7 | 18 |
| Magnesium | ppm | ASTM D5185(m) | | 4 | 3 | 6 |
| Calcium | ppm | ASTM D5185(m) | | 63 | 53 | 54 |
| Phosphorus | ppm | ASTM D5185(m) | | 996 | 1138 | 1212 |
| Zinc | ppm | ASTM D5185(m) | | 19 | 8 | 17 |
| Sulfur | ppm | ASTM D5185(m) | | 3178 | 404 | 401 |
| Visc @ 40°C | cSt | ASTM D7279(m) | 132 | 113 | 115 | 103 |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0941350 **Received** : 24 Jun 2024
Lab Number : 02643783 **Tested** : 24 Jun 2024
Unique Number : 5801322 **Diagnosed** : 24 Jun 2024 - Wes Davis
Test Package : MOB 1

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 DUNDAS, ON
 CA L9H 5E2

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 F:

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 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.