



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

Area
CHINA BUS PARTS

Machine Id
3856

Component
Transmission (Auto)

Fluid
PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|----------|----------|
| Sample Number | | Client Info | | PC0073546 | --- | --- |
| Sample Date | | Client Info | | 23 May 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 0 | --- | --- |
| Oil Age | hrs | Client Info | | 400 | --- | --- |
| Filter Age | hrs | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | N/A | --- | --- |
| Filter Changed | | Client Info | | N/A | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|---------------|------|--------------|-----|-----|
| PQ | | ASTM D8184* | >50 | 6 | --- | --- |
| Iron | ppm | ASTM D5185(m) | >160 | 82 | --- | --- |
| Chromium | ppm | ASTM D5185(m) | >5 | <1 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >5 | 0 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | >5 | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | >50 | 6 | --- | --- |
| Lead | ppm | ASTM D5185(m) | >50 | <1 | --- | --- |
| Copper | ppm | ASTM D5185(m) | >225 | 44 | --- | --- |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| White Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Yellow Metal | scalar | Visual* | NONE | NONE | --- | --- |

CONTAMINATION

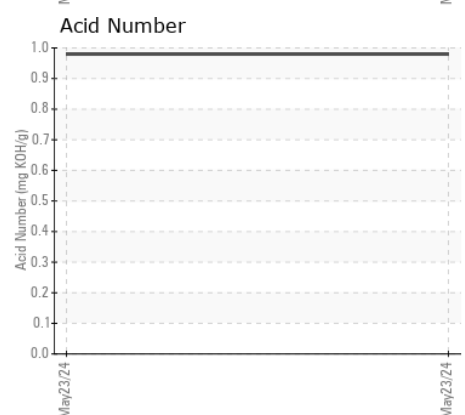
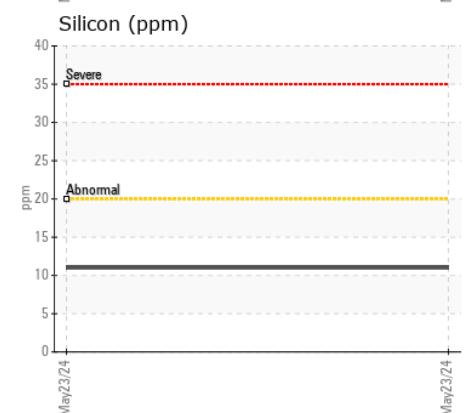
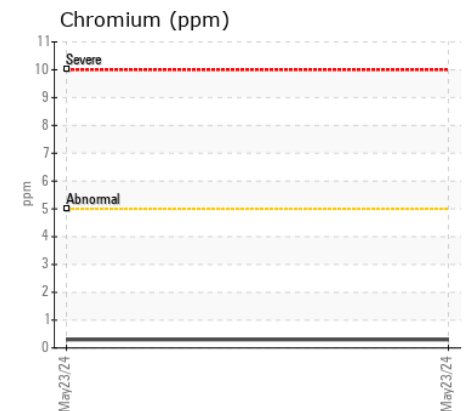
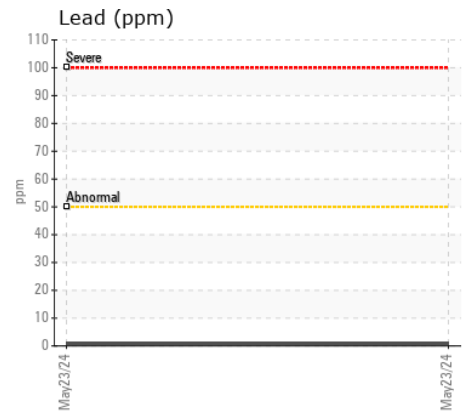
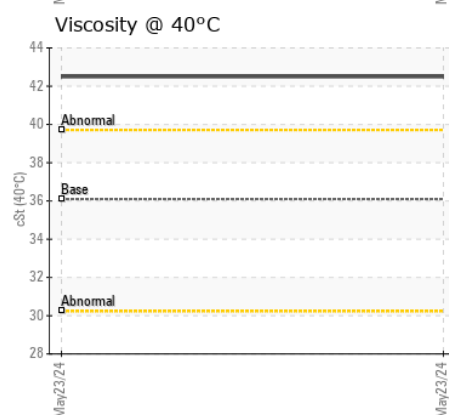
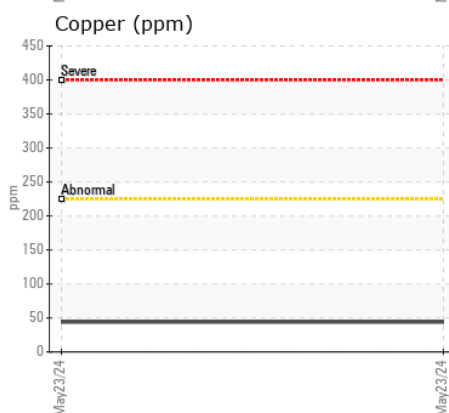
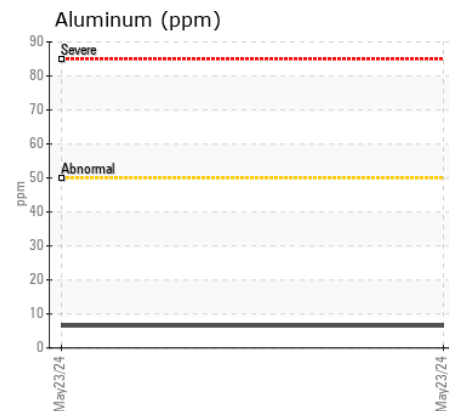
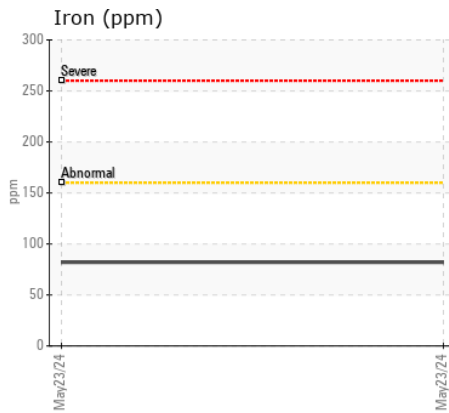
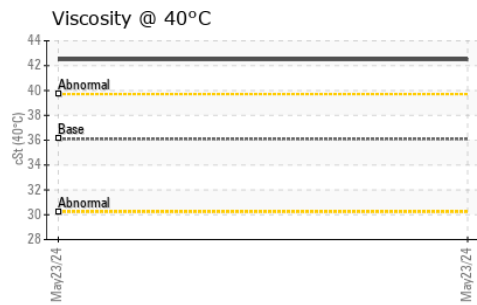
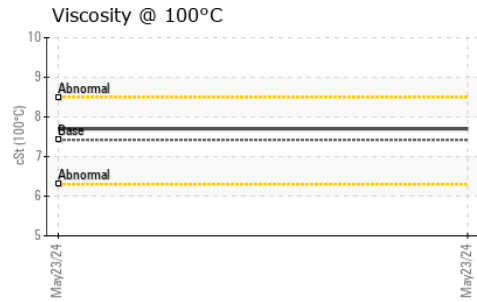
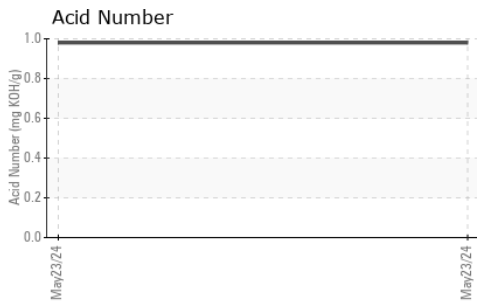
There is no indication of any contamination in the fluid.

| | | | | | | |
|------------------|--------|---------------|-------|--------------|-----|-----|
| Silicon | ppm | ASTM D5185(m) | >20 | 11 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 1 | --- | --- |
| Water | | WC Method | >0.1 | NEG | --- | --- |
| 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* | >0.1 | NEG | --- | --- |

FLUID CONDITION

The fluid viscosity is higher than typical. The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

| | | | | | | |
|----------------------|----------|---------------|------|--------------|-----|-----|
| Sodium | ppm | ASTM D5185(m) | | 8 | --- | --- |
| Boron | ppm | ASTM D5185(m) | | 57 | --- | --- |
| Barium | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | | 16 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | | 181 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | | 4 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | | 1219 | --- | --- |
| Acid Number (AN) | mg KOH/g | ASTM D974* | | 0.98 | --- | --- |
| Visc @ 40°C | cSt | ASTM D7279(m) | 36.1 | 42.5 | --- | --- |
| Visc @ 100°C | cSt | ASTM D7279(m) | 7.42 | 7.7 | --- | --- |
| Viscosity Index (VI) | Scale | ASTM D2270* | 178 | 151 | --- | --- |



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0073546
Lab Number : 02643439
Unique Number : 5800978
Test Package : MOB 2 (Additional Tests: KV100, PQ, VI)

Received : 21 Jun 2024
Tested : 24 Jun 2024
Diagnosed : 24 Jun 2024 - Kevin Marson

INDUSTRIAS del PETROLEO CANAD. SA
 Contiguo FANAL, frente a la Autopista Bernardo Soto
 Grecia, A
 CR

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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.