



OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION
NORMAL
NORMAL

Machine Id
ALT BEARING DG3 NDE
Component
Non-Drive End Bearing
Fluid
CASTROL PERFECTO XPG 46 (--- GAL)

RECOMMENDATION

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | WC0872125 | WC0773441 | WC0713671 |
| Sample Date | | Client Info | | 15 Apr 2024 | 06 Oct 2023 | 09 Dec 2022 |
| Machine Age | hrs | Client Info | | 30767 | 28550 | 25289 |
| Oil Age | hrs | Client Info | | 4985 | 0 | 0 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Not Changd | N/A | Changed |
| Filter Changed | | Client Info | | None | None | None |
| Sample Status | | | | ATTENTION | NORMAL | NORMAL |

WEAR

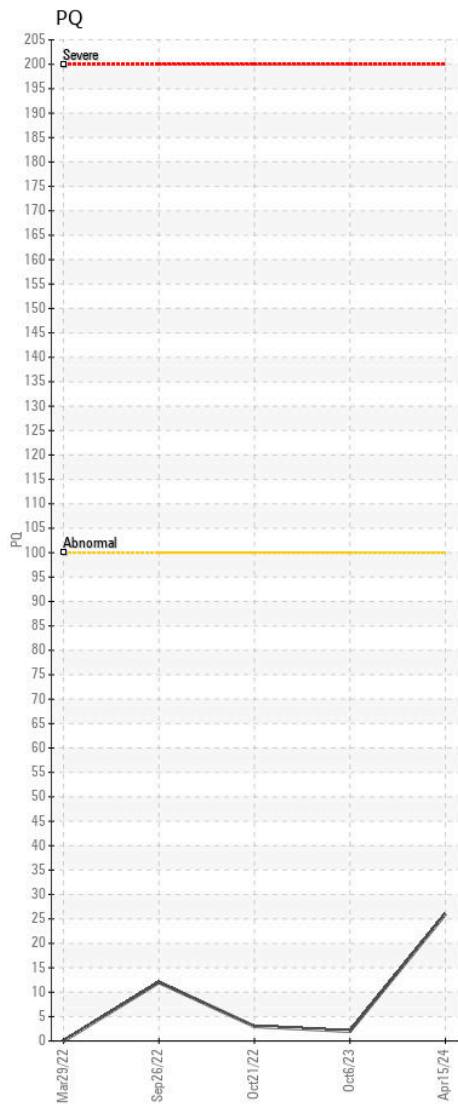
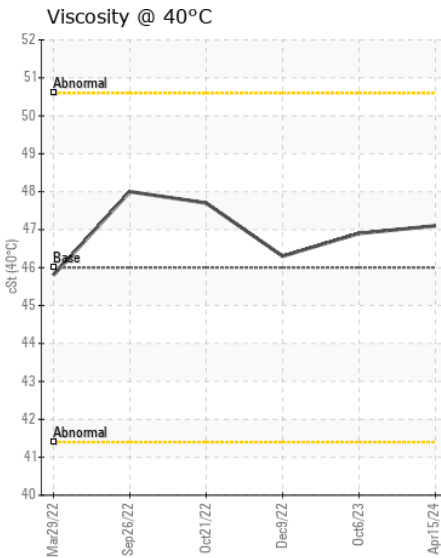
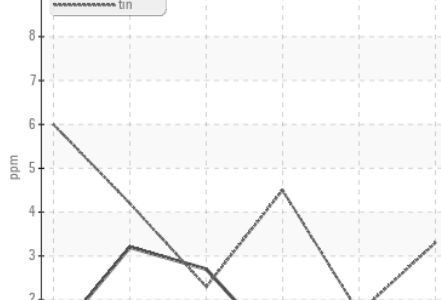
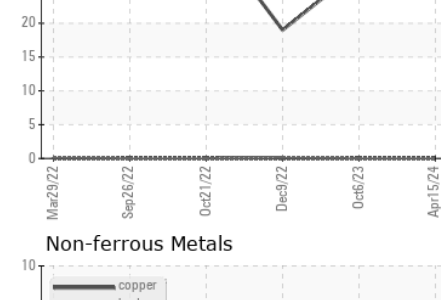
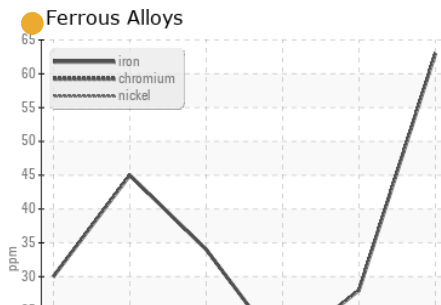
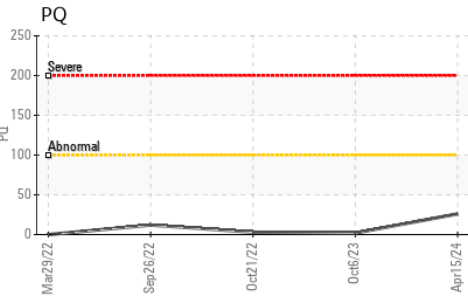
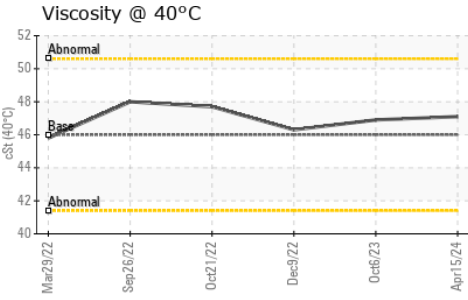
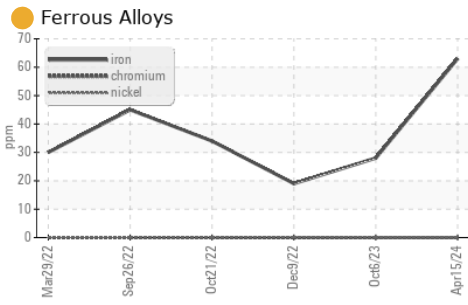
| PQ | UOM | Method | Limit/Abn | Current | History1 | History2 |
|--------------|--------|---------------|-----------|--------------|----------|----------|
| PQ | | ASTM D8184* | | 26 | 2 | --- |
| Iron | ppm | ASTM D5185(m) | >20 | 63 | 28 | 19 |
| Chromium | ppm | ASTM D5185(m) | >20 | 0 | 0 | 0 |
| Nickel | ppm | ASTM D5185(m) | >20 | 0 | 0 | <1 |
| Titanium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185(m) | | 0 | <1 | 0 |
| Aluminum | ppm | ASTM D5185(m) | >20 | <1 | <1 | <1 |
| Lead | ppm | ASTM D5185(m) | >20 | 0 | 0 | 0 |
| Copper | ppm | ASTM D5185(m) | >20 | 2 | 1 | <1 |
| Tin | ppm | ASTM D5185(m) | >20 | 3 | 2 | 4 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| White Metal | scalar | Visual* | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | Visual* | NONE | NONE | NONE | NONE |

CONTAMINATION

| | | | | | | |
|------------------|--------|---------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185(m) | >15 | 2 | 2 | 2 |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | 0 | 0 |
| Water | | WC Method | >2 | NEG | NEG | NEG |
| Silt | scalar | Visual* | NONE | VLITE | LIGHT | NONE |
| Debris | scalar | Visual* | NONE | NONE | NONE | NONE |
| Sand/Dirt | scalar | Visual* | NONE | NONE | NONE | VLITE |
| Appearance | scalar | Visual* | NORML | NORML | NORML | NORML |
| Odor | scalar | Visual* | NORML | NORML | NORML | NORML |
| Emulsified Water | scalar | Visual* | >2 | NEG | NEG | NEG |

FLUID CONDITION

| | | | | | | |
|-------------|-----|---------------|------|--------------|------|------|
| Sodium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Boron | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Barium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Manganese | ppm | ASTM D5185(m) | | <1 | 0 | 0 |
| Magnesium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Calcium | ppm | ASTM D5185(m) | | <1 | <1 | 0 |
| Phosphorus | ppm | ASTM D5185(m) | | <1 | <1 | <1 |
| Zinc | ppm | ASTM D5185(m) | | 2 | 2 | 2 |
| Sulfur | ppm | ASTM D5185(m) | | 20 | 26 | 232 |
| Visc @ 40°C | cSt | ASTM D7279(m) | 46.0 | 47.1 | 46.9 | 46.3 |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0872125
Lab Number : 02630968
Unique Number : 5772121
Test Package : MAR 1 (Additional Tests: PQ)

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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.