



PERFORMANCE  
UNDER  
PRESSURE

OIL ANALYSIS REPORT

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

Area

CPL

Machine Id

CPL EXIT PINCH ROLL (S/N 16-4400-0415)

Component

Gearbox

Fluid

GEAR OIL LS 80W90 (--- QTS)

**RECOMMENDATION**

Resample at the next service interval to monitor.

**WEAR**

All component wear rates are normal.

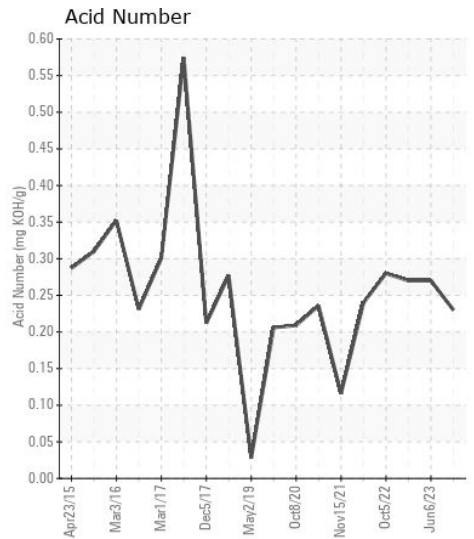
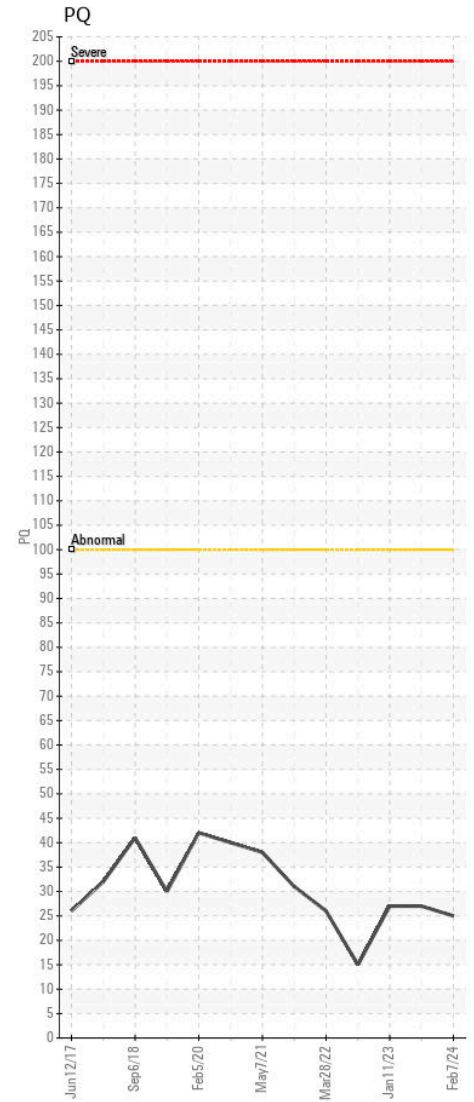
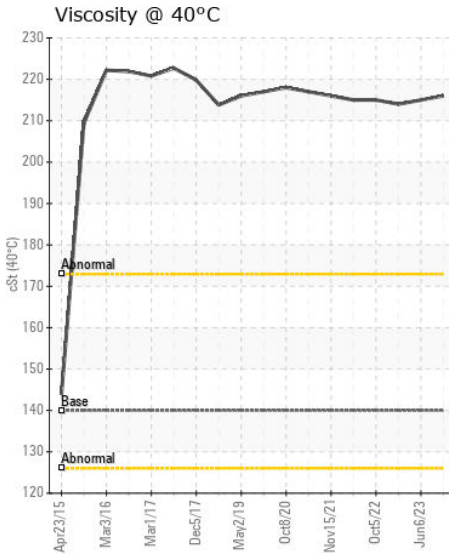
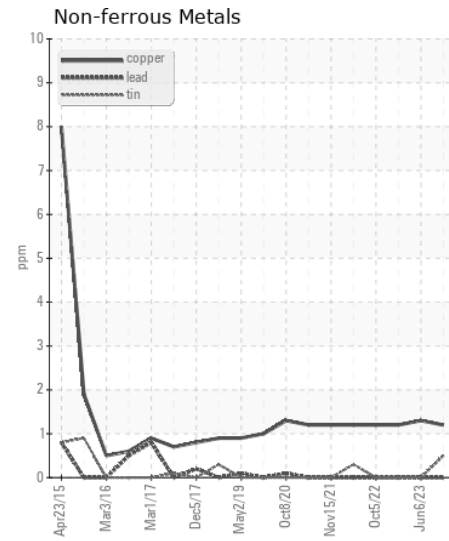
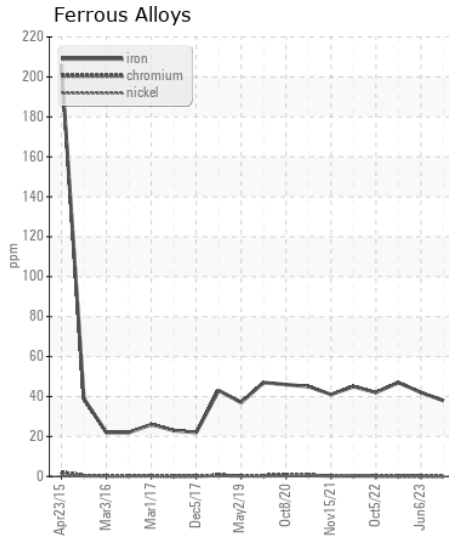
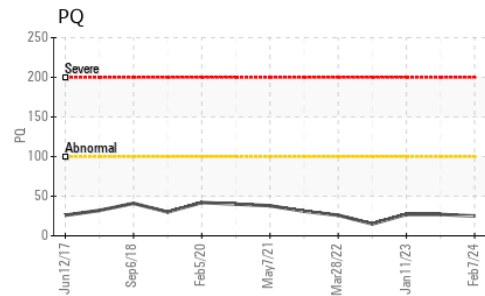
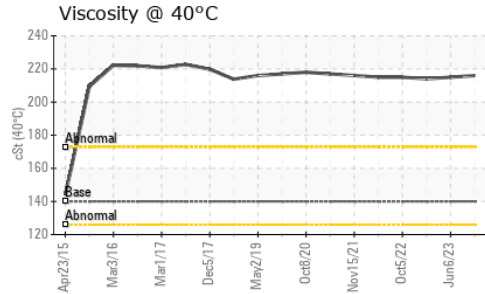
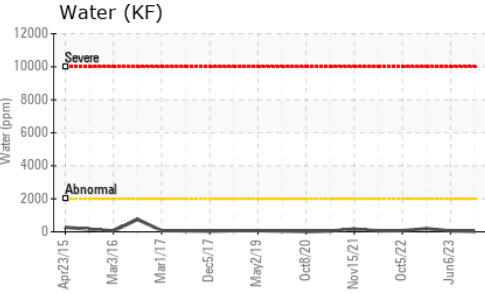
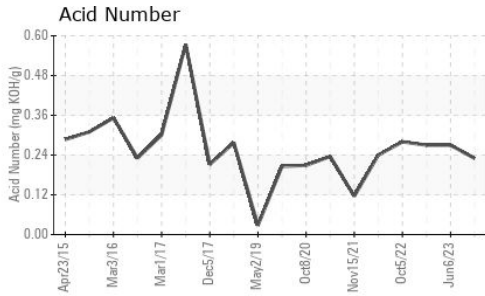
**CONTAMINATION**

The water content is negligible. 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.

| Test             | UOM      | Method      | Limit/Abn | Current     | History1    | History2    |
|------------------|----------|-------------|-----------|-------------|-------------|-------------|
| Sample Number    |          | Client Info |           | RP0042115   | RP0035007   | RP0030657   |
| Sample Date      |          | Client Info |           | 07 Feb 2024 | 06 Jun 2023 | 11 Jan 2023 |
| Machine Age      | hrs      | Client Info |           | 0           | 0           | 0           |
| Oil Age          | hrs      | Client Info |           | 0           | 0           | 0           |
| Filter Age       | hrs      | Client Info |           | 0           | 0           | 0           |
| Oil Changed      |          | Client Info |           | N/A         | N/A         | N/A         |
| Filter Changed   |          | Client Info |           | N/A         | N/A         | N/A         |
| Sample Status    |          |             |           | NORMAL      | NORMAL      | NORMAL      |
| PQ               |          | ASTM D8184  |           | 25          | 27          | 27          |
| Iron             | ppm      | ASTM D5185m | >200      | 38          | 42          | 47          |
| Chromium         | ppm      | ASTM D5185m | >15       | <1          | <1          | <1          |
| Nickel           | ppm      | ASTM D5185m | >15       | 0           | 0           | 0           |
| Titanium         | ppm      | ASTM D5185m |           | <1          | 0           | 0           |
| Silver           | ppm      | ASTM D5185m |           | 0           | 0           | 0           |
| Aluminum         | ppm      | ASTM D5185m | >25       | 0           | 0           | 1           |
| Lead             | ppm      | ASTM D5185m | >100      | 0           | 0           | 0           |
| Copper           | ppm      | ASTM D5185m | >200      | 1           | 1           | 1           |
| Tin              | ppm      | ASTM D5185m | >25       | <1          | 0           | 0           |
| Vanadium         | ppm      | ASTM D5185m |           | <1          | 0           | 0           |
| White Metal      | scalar   | *Visual     | NONE      | NONE        | NONE        | NONE        |
| Yellow Metal     | scalar   | *Visual     | NONE      | NONE        | NONE        | NONE        |
| Silicon          | ppm      | ASTM D5185m | >50       | 13          | 12          | 13          |
| Potassium        | ppm      | ASTM D5185m | >20       | 0           | 2           | 1           |
| Water            | %        | ASTM D6304  | >0.2      | 0.003       | 0.005       | 0.019       |
| ppm Water        | ppm      | ASTM D6304  | >2000     | 30          | 54.3        | 190.1       |
| 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     | >0.2      | NEG         | NEG         | NEG         |
| Sodium           | ppm      | ASTM D5185m |           | <1          | <1          | 0           |
| Boron            | ppm      | ASTM D5185m | 150       | 0           | 0           | 0           |
| Barium           | ppm      | ASTM D5185m |           | 0           | 0           | 0           |
| Molybdenum       | ppm      | ASTM D5185m |           | 0           | 0           | 0           |
| Manganese        | ppm      | ASTM D5185m |           | <1          | <1          | <1          |
| Magnesium        | ppm      | ASTM D5185m | 10        | 0           | 2           | 0           |
| Calcium          | ppm      | ASTM D5185m | 70        | 7           | 10          | 13          |
| Phosphorus       | ppm      | ASTM D5185m | 2000      | 93          | 104         | 104         |
| Zinc             | ppm      | ASTM D5185m | 50        | 16          | 22          | 23          |
| Acid Number (AN) | mg KOH/g | ASTM D8045  |           | 0.23        | 0.27        | 0.27        |
| Visc @ 40°C      | cSt      | ASTM D445   | 140       | 216         | 215         | 214         |



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : RP0042115 **Received** : 08 Feb 2024  
**Lab Number** : 06083675 **Tested** : 09 Feb 2024  
**Unique Number** : 10871120 **Diagnosed** : 09 Feb 2024 - Angela Borella  
**Test Package** : IND 2 ( Additional Tests: PQ )

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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