

OIL ANALYSIS REPORT

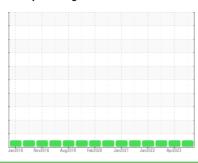
Sample Rating Trend

CTL74 Machine Id CTL 74 LEVELER MAIN (S/N 16-5120-0140)

Gearbox

Fluid

Gearbox Oil (--- QTS)





DIAGNOSIS

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.

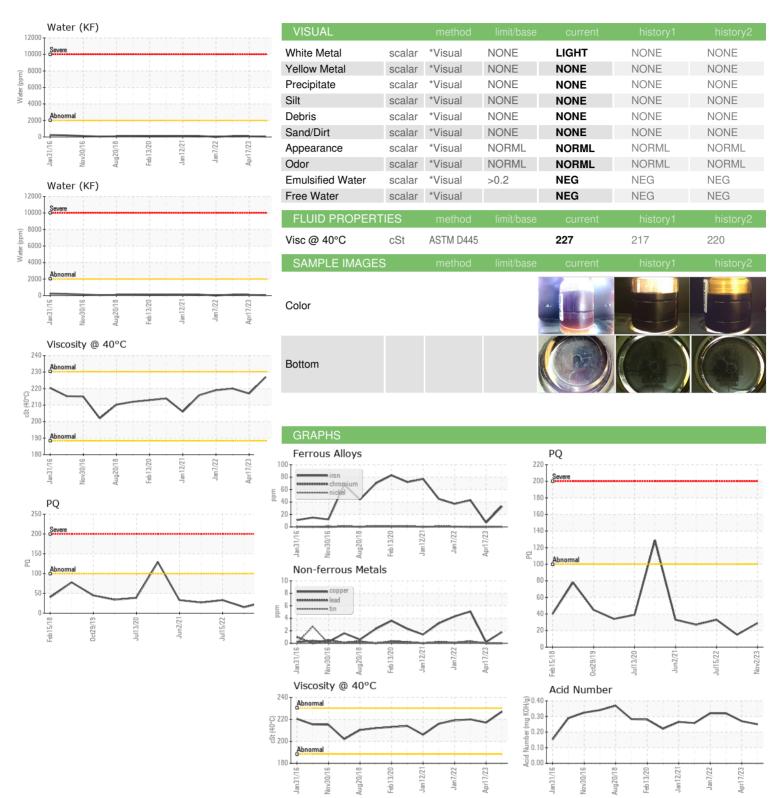
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

| | | Jan2016 No | ov2016 Aug2018 Feb | 2020 Jan2021 Jan2022 | Apr2023 | |
|---------------|--------|-------------|--------------------|----------------------|-------------|-------------|
| SAMPLE INFORM | MATION | method | limit/base | current | history1 | history2 |
| Sample Number | | Client Info | | RP0035316 | RP0029612 | RP0028659 |
| Sample Date | | Client Info | | 02 Nov 2023 | 17 Apr 2023 | 15 Jul 2022 |
| Machine Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | N/A | N/A | N/A |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| PQ | | ASTM D8184 | | 29 | 15 | 33 |
| Iron | ppm | ASTM D5185m | >200 | 33 | 7 | 43 |
| Chromium | ppm | ASTM D5185m | >15 | <1 | 0 | 0 |
| Nickel | ppm | ASTM D5185m | >15 | 0 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >25 | 2 | 2 | <1 |
| Lead | ppm | ASTM D5185m | >100 | 0 | 0 | <1 |
| Copper | ppm | ASTM D5185m | >200 | 2 | <1 | 5 |
| Tin | ppm | ASTM D5185m | >25 | 0 | 0 | <1 |
| Antimony | ppm | ASTM D5185m | >5 | | | |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Cadmium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185m | | 0 | <1 | 1 |
| Barium | ppm | ASTM D5185m | | 19 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Manganese | ppm | ASTM D5185m | | 0 | <1 | <1 |
| Magnesium | ppm | ASTM D5185m | | 3 | 1 | 1 |
| Calcium | ppm | ASTM D5185m | | 19 | 34 | 11 |
| Phosphorus | ppm | ASTM D5185m | | 136 | 120 | 98 |
| Zinc | ppm | ASTM D5185m | | 7 | 9 | 5 |
| CONTAMINANTS | ; | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185m | >50 | 2 | 7 | 5 |
| Sodium | ppm | ASTM D5185m | | 0 | <1 | 0 |
| Potassium | ppm | ASTM D5185m | >20 | <1 | <1 | 2 |
| Water | % | ASTM D6304 | >0.2 | 0.004 | 0.007 | 0.012 |
| ppm Water | ppm | ASTM D6304 | >2000 | 48.7 | 78.1 | 120.6 |
| | | | | | | |
| FLUID DEGRADA | NOITA | method | limit/base | current | history1 | history2 |



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Certificate L2367

Laboratory Sample No.

Lab Number

Unique Number

: RP0035316 : 05998071 : 10726431

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received Diagnosed

Diagnostician

: 03 Nov 2023 : 06 Nov 2023 : 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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