

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id

HOLLCANE (S/N 025375) Gearbox

Gearbox Fluid GEAR OIL ISO 150 (22 LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

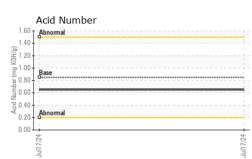
Fluid Condition

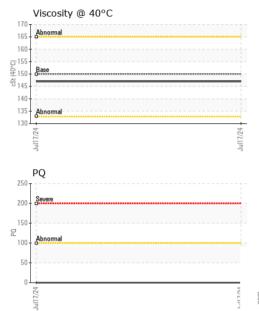
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

| SAMPLE INFORM | IATION | method | limit/base | current | history1 | history2 |
|------------------|----------|---------------|------------|-------------|----------|----------|
| Sample Number | | Client Info | | WC0962509 | | |
| Sample Date | | Client Info | | 17 Jul 2024 | | |
| Machine Age | yrs | Client Info | | 6 | | |
| Oil Age | yrs | Client Info | | 0 | | |
| Oil Changed | , | Client Info | | N/A | | |
| Sample Status | | | | NORMAL | | |
| CONTAMINATION | ٧ | method | limit/base | current | history1 | history2 |
| Water | | WC Method | >0.2 | NEG | | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| PQ | | ASTM D8184* | | 0 | | |
| Iron | ppm | ASTM D5185(m) | >200 | 101 | | |
| Chromium | ppm | ASTM D5185(m) | >15 | 1 | | |
| Nickel | ppm | ASTM D5185(m) | >15 | 0 | | |
| Titanium | ppm | ASTM D5185(m) | | 0 | | |
| Silver | ppm | ASTM D5185(m) | | 0 | | |
| Aluminum | ppm | ASTM D5185(m) | >25 | <1 | | |
| Lead | ppm | ASTM D5185(m) | >100 | 33 | | |
| Copper | ppm | ASTM D5185(m) | >200 | <1 | | |
| Tin | ppm | ASTM D5185(m) | >25 | 0 | | |
| Antimony | ppm | ASTM D5185(m) | >5 | <1 | | |
| Vanadium | ppm | ASTM D5185(m) | | 0 | | |
| Beryllium | ppm | ASTM D5185(m) | | 0 | | |
| Cadmium | ppm | ASTM D5185(m) | | 0 | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185(m) | 50 | 11 | | |
| Barium | ppm | ASTM D5185(m) | 15 | 2 | | |
| Molybdenum | ppm | ASTM D5185(m) | 15 | 0 | | |
| Manganese | ppm | ASTM D5185(m) | | 2 | | |
| Magnesium | ppm | ASTM D5185(m) | 50 | 1 | | |
| Calcium | ppm | ASTM D5185(m) | 50 | 5 | | |
| Phosphorus | ppm | ASTM D5185(m) | 350 | 383 | | |
| Zinc | ppm | ASTM D5185(m) | 100 | 29 | | |
| Sulfur | ppm | ASTM D5185(m) | 12500 | 5169 | | |
| Lithium | ppm | ASTM D5185(m) | | 4 | | |
| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185(m) | >50 | 7 | | |
| Sodium | ppm | ASTM D5185(m) | | 1 | | |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | | |
| FLUID DEGRADA | TION | method | limit/base | current | history1 | history2 |
| Acid Number (AN) | mg KOH/g | ASTM D974* | 0.85 | 0.65 | | |



OIL ANALYSIS REPORT





| VISUAL | | method | limit/base | current | history1 | history2 |
|---|------------------|---------------|---|-------------|----------|----------------|
| White Metal | scalar | Visual* | NONE | VLITE | | |
| Yellow Metal | scalar | Visual* | NONE | NONE | | |
| Precipitate | scalar | Visual* | NONE | NONE | | |
| Silt | scalar | Visual* | NONE | NONE | | |
| Debris | scalar | Visual* | NONE | VLITE | | |
| Sand/Dirt | scalar | Visual* | NONE | NONE | | |
| Appearance | scalar | Visual* | NORML | NORML | | |
| Odor | | | | - | | |
| | scalar | Visual* | NORML | NORML | | |
| Emulsified Water | scalar | Visual* | >0.2 | NEG | | |
| Free Water | scalar | Visual* | | NEG | | |
| FLUID PROPERT | IES | method | limit/base | current | history1 | history2 |
| Visc @ 40°C | cSt | ASTM D7279(m) | 150 | 147 | | |
| SAMPLE IMAGES | \$ | method | limit/base | current | history1 | history2 |
| Color | | | | | no image | no image |
| Bottom | | | | | no image | no image |
| GRAPHS | | | | | | |
| Ferrous Alloys | | | | PQ | | |
| iron i | | | 22 | | | |
| chromium | | | 20 |) - Severe | | |
| nickel | | | 18 |) | | |
| 50 | | | 160 | 1 | | |
| 0 | | | | | | |
| | | | + 14(+ 2/ |) | | |
| Jul17/24 | | | -92//11/24 |) | | |
| Non-ferrous Metals | - | | 10 | Abnormal | | |
| | , | | 8 |) | | |
| Copper | | | | | | |
| 0 - | | | 60 | | | |
| | | | 40 |) | | |
| 0 | | | 2 |) | | |
| | | | 4 | | | |
| Jul17/24 | | | Jul17/24 | Jul17/24 | | 17/24 |
| - | | | Ju | Jult | | |
| Viscosity @ 40°C | | | | Acid Number | - | |
| Abnormal | | | ^{₽2.00} | T | | |
| 60 - | | | ⁵ | Abnormal | | |
| 0 - Base | | | ສ 1.00 | Base | | |
| +0 - | | | quanta a | | | |
| Abnormal | | | (0,012,00 (0,014,00 (0,014,00 (0,014,00 (0,014,00 (0,014,00 (0,014,00 (0,014,00)(0,00)(0,0)(0 | Abnormal | | |
| 30 ¹ | | | 0.0 × 54 | 24 | | 24 |
| Jul17/24 | | | Jul17/24 | Jul17/24 | | Jul17/24 |
| NaarChack CQ 1175 | Annlohy | Line Burlin | aton ON 17 | 540 | | FABRICATING |
| VearCheck - C8-1175 VC0962509 | Appleby Recei | | JATLORI | R.R. #2 | | |
| 2648811 | | | ORTON, ON | | | |
| 5814363 | Teste Diagn | | CA LON 1NO | | | |
| 814363 Diagnosed : 19 Jul 2024 - Wes Davis ND 2 | | | | | Contact: | IVAN RADISIO |
| ntact Customer Servi | | | | | | sic@jaylor.com |
| coorditation (m) m | athad ma | dified (a) to | atad at autor | nallah | т. | (510)797 025 |

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.

Contact/Location: IVAN RADISIC - FABORT

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Report Id: FABORT [WCAMIS] 02648811 (Generated: 07/19/2024 08:28:30) Rev: 1

CALA

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Laboratory

Sample No. Lab Number

Unique Number Test Package