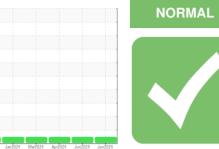


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

201 Component Compressor Fluid {not provided} (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

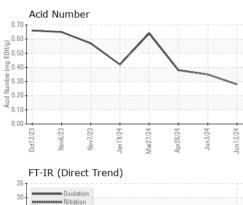
Fluid Condition

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

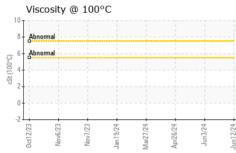
| SAMPLE INFORM | method | limit/base | current | history1 | history2 | | | | |
|------------------|-------------|-------------|------------|-------------|-------------|-------------|--|--|--|
| Sample Number | Client Info | | WC0881060 | WC0881061 | WC0881066 | | | | |
| Sample Date | | Client Info | | 12 Jun 2024 | 03 Jun 2024 | 26 Apr 2024 | | | |
| Machine Age | hrs | Client Info | | 0 | 7124 | 6331 | | | |
| Oil Age | hrs | Client Info | | 0 | 0 | 2500 | | | |
| Oil Changed | | Client Info | | N/A | Not Changd | Not Changd | | | |
| Sample Status | | | | NORMAL | NORMAL | NORMAL | | | |
| CONTAMINATIO | N | method | limit/base | current | history1 | history2 | | | |
| Water | | WC Method | >0.1 | NEG | NEG | NEG | | | |
| WEAR METALS | | method | limit/base | current | history1 | history2 | | | |
| Iron | ppm | ASTM D5185m | >50 | 1 | 0 | <1 | | | |
| Chromium | ppm | | >5 | <1 | 0 | <1 | | | |
| Nickel | ppm | ASTM D5185m | | <1 | 0 | <1 | | | |
| Titanium | ppm | ASTM D5185m | | <1 | <1 | <1 | | | |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 | | | |
| Aluminum | ppm | ASTM D5185m | >15 | 1 | 0 | 2 | | | |
| Lead | ppm | ASTM D5185m | >65 | <1 | <1 | <1 | | | |
| Copper | ppm | ASTM D5185m | >65 | 0 | <1 | <1 | | | |
| Tin | ppm | ASTM D5185m | >10 | <1 | <1 | <1 | | | |
| Vanadium | ppm | ASTM D5185m | | 0 | <1 | <1 | | | |
| Cadmium | ppm | ASTM D5185m | | <1 | 0 | <1 | | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 | | | |
| Boron | ppm | ASTM D5185m | | 0 | 0 | 0 | | | |
| Barium | ppm | ASTM D5185m | | 0 | 0 | 0 | | | |
| Molybdenum | ppm | ASTM D5185m | | 2 | 0 | <1 | | | |
| Manganese | ppm | ASTM D5185m | | 0 | <1 | 0 | | | |
| Magnesium | ppm | ASTM D5185m | | 29 | 0 | <1 | | | |
| Calcium | ppm | ASTM D5185m | | 13 | 0 | 3 | | | |
| Phosphorus | ppm | ASTM D5185m | | 28 | 0 | 4 | | | |
| Zinc | ppm | ASTM D5185m | | 27 | 0 | 0 | | | |
| Sulfur | ppm | ASTM D5185m | | 240 | 221 | 169 | | | |
| CONTAMINANTS | | method | limit/base | current | history1 | history2 | | | |
| Silicon | ppm | ASTM D5185m | >35 | 16 | 17 | 16 | | | |
| Sodium | ppm | ASTM D5185m | | 4 | 2 | 2 | | | |
| Potassium | ppm | ASTM D5185m | >20 | 1 | 2 | 2 | | | |
| FLUID DEGRADA | TION | method | limit/base | current | history1 | history2 | | | |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | | 0.28 | 0.35 | 0.38 | | | |

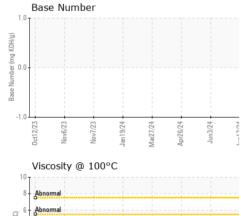


OIL ANALYSIS REPORT













| Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 TERREVA RENEWABLES - COUNTRYSIDE Sample No. : WC0881060 Received : 14 Jun 2024 31725 ROUTE 83 Lab Number : 06210340 Tested : 20 Jun 2024 GRAYSLAKE, IL Unique Number : 11083204 Diagnosed : 21 Jun 2024 - Jonathan Hester US 60030 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. Cortact: ERIC BOEHMEF | | | | | | | | | | | E 83 E, IL 0030 /IER com | | | | | | | | | | | |
|--|------------|----------|---------|------------|------------------------------|-------------------|-----------|--------------|-------------|----------------|--------------------------------------|-----------|----------|----------------------------|----------|------------|---------|-------------|----------|----------|----------------|----------|
| Jan 19/24 | Mar27/24 - | Apr26/24 | Jun3/24 | ¥C(C1 | cSt (40°C) 0 | Oct12/23 | Nov6/23 - | Nov7/23 + | Jan 19/24 🗕 | Mar27/24 | Apr26/24 + | Jun3/24 - | Jun12/24 | 0.0 Base Number (mg KOH/g) | 0ct12/23 | Nav6/23 | Nov7/23 | Jan 19/24 🛶 | Mar27/24 | Apr26/24 | Jun3/24 + | Jun12/24 |
| | | | | | 200 | | | | - | | | | | 03 1.0 Bwi | | | | | | | | |
| í + I | | | | | | | sity (| <u>م</u> 40° | | | | | - | (B/H(| Bas | e Nun | nber | | _ | | | - |
| | | 1 | | | | 0ct12/23 | Nov6/23 | Nov7/23 | Jan19/24 | Mar27/24 | Apr26/24 | Jun3/24 | Jun12/24 | | 0ct12/23 | Nov6/23 | Nov7/23 | Jan19/24 | Mar27/24 | Apr26/24 | Jun3/24 | Jun12/24 |
| 0°C | | | | | 0 | | 8 | | 4 | 4 | 4 | 4 | 4 | 0 | | | 33 | 4 | 4 | 4 | + | ++ |
| Jan | Mari | Apri | Jur | line (| 룹 ¹⁰⁰ 50 | | al | | | | | | | 튭 50 | Abno | | | | | | | |
| Jan19/24 - Mar27/24 - Apr26/24 - Jun3/24 - | | | 10.01 | 150 | Copp | er (p | pm) | | | | | ,- | 100 | т | on (p | pm) | | | | | | |
| | | | | | | 0ct12/23 | Nov6/23 | Nov7/23 | Jan19/24 | Mar27/24 | Apr26/24 | Jun3/24 | Jun12/24 | | 0ct12/23 | Nov6/23 | Nov7/23 | Jan19/24 | Mar27/24 | Apr26/24 | Jun3/24 | Jun12/24 |
| | | | | | 0 | 23 | 23 | 23 | 24 | 24 | 24 | 24 | 24 | 0 | | | 23 | 24 | 24 | 24 | 24 | 24 |
| | | | | | 퉙 20 | Severe Abnorm | al | | | | | | | в ¹⁰ | Abno | | | | | | | |
| | | | | | 40 | т | inum | (ppn | 1) | | | | | 15 | т : | omiur | n (pp | m) | | | | |
| | | | | | | _ | | | | Mar2 | Apr2 | ղոր | Jun1 | | | | | - | Mar2 | Apr2 | ղոր | Junl |
| Jan 19/24 | Mar27/24 | Apr26/24 | Jun3/24 | Jun12/24 | 0 | 0ct12/23 | Nov6/23 | Nov7/23 | Jan 19/24 | Mar27/24 | Apr26/24 | Jun3/24 | Jun12/24 | 0 | 0ct12/23 | Nov6/23 | Nov7/23 | Jan 19/24 | Mar27/24 | Apr26/24 | Jun3/24 | Jun12/24 |
| 9/24 | 7/24 | 5/24 - | 3/24 | 2/24 | Hd 50 | Abnorm | al | | | | | | | e ¹⁰⁰ | Abno | rmal | | | | | | |
| | | | | Severe | (ppm |) | | | | | | 150 | Sever | | т) | | | | | | | |
| | | | | | GRAPHS Iron (ppm) Lead (ppm) | | | | | | | | | | | | | | | | | |
| | | | | | 4 | | | | | | | | | | | | | | | | | |
| 1 | | | | | E | Bottom | | | | | | | | | nc | image | , | no in | nage | 1 | no imag | e |
| °C | | | | ٦٢ | | | | | | | | | | | | | | | | | | |
| | | | | Jun12/24 - | (| Color | | | | | | | | | nc | image | 9 | no in | age | 1 | no imag | e |
| | | | | | | SAM | PLE | IMAG | âES | | met | nod | limit | /base | (| curren | It | hist | tory1 | | histor | y2 |
| | | | | | ` | /isc @ | | | | St | ASTM | | | | 15 | 9.5 | | 156 | | | 54 | |
| | | | | | | FLUI | | | | | met | | limit | /base | | curren | it | | tory1 | | histor | y2 |
| | | | | | F | Free W | | | | calar | *Visu | al | | | NE | EG | | NEG | | Ν | IEG | |
| end) | | | | | | Emulsi | | Vater | | calar | *Visu | al | >0.1 | | NE | G | | NEG | | Ν | IEG | |
| Jan 19/24 | Mar27/24 | Apr26/24 | Jun3/24 | Jun12/24 | | Appeaı Odor | ance | | | calar calar | *Visu *Visu | | NORI | | | ORML | | NOR | | | JORMI JORMI | |
| 24 | 24 - | 24 | 24 - | 24 | | Sand/E | | | | calar | *Visu | | NON | | | ONE | | NON | | | | |
| | | | | | [| Debris | | | S | calar | *Visu | al | NON | | N | ONE | | NON | E | Ν | IONE | |
| | | | | | | Silt | lale | | | calar | *Visu | | NON | | | ONE | | NON | | | IONE | |
| \searrow | | | | | | Yellow Precipi | | l | | calar calar | *Visu *Visu | | NON | | | ONE ONE | | NON | | | IONE | |
| | \wedge | | | | | Nhite I | | | S | calar | *Visu | | NON | | | ONE | | NON | | | IONE | |
| | | | | | | VISU | AL | | | | met | hod | limit | /base | (| curren | it | hist | tory1 | | histor | y2 |

Report Id: TERGRAIL [WUSCAR] 06210340 (Generated: 06/22/2024 05:39:28) Rev: 1

Contact/Location: ERIC BOEHMER - TERGRAIL