

OIL ANALYSIS

Particles >71µm

Oil Cleanliness

Acid Number (AN)

FLUID DEGRADATION

ASTM D7647 >4

ISO 4406 (c)

mg KOH/g ASTM D8045

1

0.37

>20/18/15 - 21/17/10



Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a light amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

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

| | | Samp | le Rating Tre | end | | |
|------------------------|-------|----------------------------|-------------------|-------------|----------|-----------|
| SIS REPC | DT | | | | | ISO |
| | 'n | | | | | 100 |
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| | | <u>.</u> | | May2024 | | |
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| SAMPLE INFORM | ATION | method | limit/base | current | history1 | history2 |
| Sample Number | | Client Info | | FCH0000075 | | |
| Sample Date | | Client Info | | 09 May 2024 | | |
| Machine Age | hrs | Client Info | | 0 | | |
| Oil Age | hrs | Client Info | | 0 | | |
| Oil Changed | | Client Info | | N/A | | |
| Sample Status | | | | ATTENTION | | |
| CONTAMINATIO | N | method | limit/base | current | history1 | history2 |
| Water | | WC Method | >0.01 | NEG | | |
| | | WO WELLIOU | | | | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185m | >8 | 2 | | |
| Chromium | ppm | ASTM D5185m | >2 | <1 | | |
| Nickel | ppm | ASTM D5185m | | 0 | | |
| Titanium | ppm | ASTM D5185m | | 0 | | |
| Silver | ppm | ASTM D5185m | >2 | <1 | | |
| Aluminum | ppm | ASTM D5185m | >3 | 0 | | |
| Lead | ppm | ASTM D5185m | >2 | 0 | | |
| Copper | ppm | ASTM D5185m | >8 | <1 | | |
| Tin | ppm | ASTM D5185m | >4 | 0 | | |
| Vanadium | ppm | ASTM D5185m | | <1 | | |
| Cadmium | ppm | ASTM D5185m | | 0 | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | 222 | ASTM D5185m | | 0 | | |
| Barium | ppm | ASTM D5185m | | - | | |
| | ppm | ASTM D5185m | | 0 | | |
| Molybdenum | ppm | | | 0 | | |
| Manganese Magnesium | ppm | ASTM D5185m ASTM D5185m | | 0 | | |
| 0 | ppm | | | | | |
| Calcium | ppm | ASTM D5185m | | 0 | | |
| Phosphorus | ppm | ASTM D5185m | | 286 | | |
| Zinc Sulfur | ppm | ASTM D5185m | | 0 | | |
| | ppm | ASTM D5185m | | 0 | | |
| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185m | >15 | 2 | | |
| Sodium | ppm | ASTM D5185m | | 2 | | |
| Potassium | ppm | ASTM D5185m | >20 | <1 | | |
| FLUID CLEANLIN | IESS | method | limit/base | current | history1 | history2 |
| Particles >4µm | | ASTM D7647 | >10000 | 11190 | | |
| Particles >6µm | | ASTM D7647 | >2500 | 1061 | | |
| Particles >14µm | | ASTM D7647 | >320 | 1001 | | |
| Particles >21µm | | ASTM D7647 | >80 | 1 | | |
| Particles >38µm | | ASTM D7647 ASTM D7647 | | 1 | | |
| | | A01W D/04/ | 220 | 1 | | |

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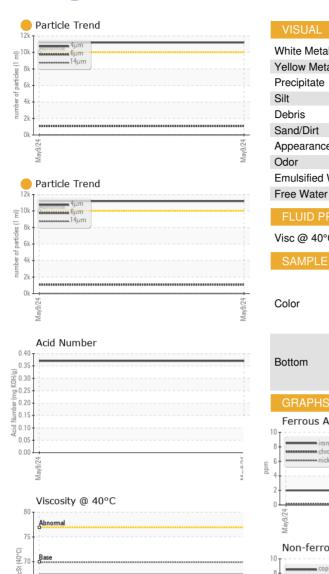
Submitted By: Wes Davis Page 1 of 2

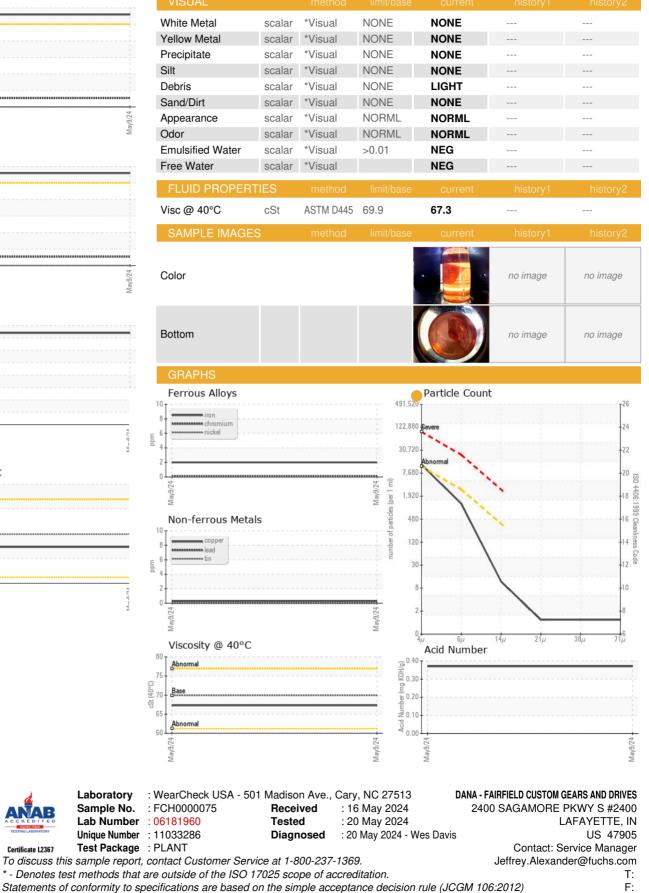


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OIL ANALYSIS REPORT





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Certificate 12367

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