

OIL ANALYSIS REPORT

Sample Rating Trend

VISCOSITY

BL072HD00343

Component Hydraulic System Fluid AW HYDRAULIC OIL ISO 46 (--- GAL)

DIAGNOSIS

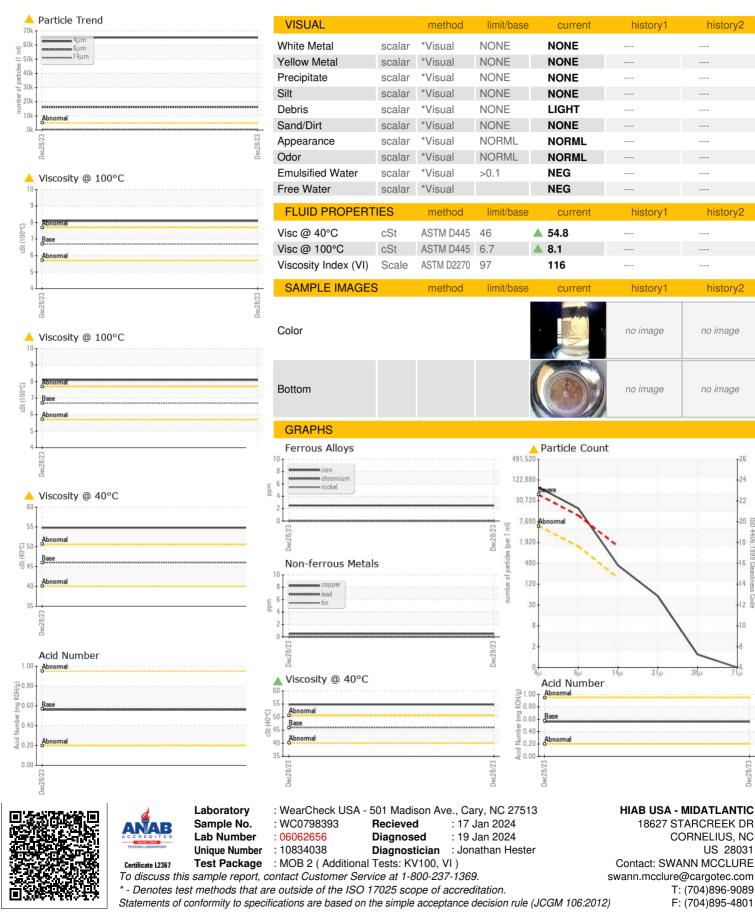
| | | | | Dec2023 | | |
|------------------|----------|--------------|------------|--------------------|----------|----------|
| SAMPLE INFORM | | method | limit/base | current | history1 | history2 |
| | | | IIIIIVDase | | | |
| Sample Number | | Client Info | | WC0798393 | | |
| Sample Date | | Client Info | | 28 Dec 2023 | | |
| Machine Age | hrs | Client Info | | 0 | | |
| Oil Age | hrs | Client Info | | 0 | | |
| Oil Changed | | Client Info | | N/A | | |
| Sample Status | | | | ABNORMAL | | |
| CONTAMINATIO | N | method | limit/base | current | history1 | history2 |
| Water | | WC Method | >0.1 | NEG | | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185m | >20 | 2 | | |
| Chromium | ppm | ASTM D5185m | >10 | 0 | | |
| Nickel | ppm | ASTM D5185m | >10 | 0 | | |
| Titanium | ppm | ASTM D5185m | | 0 | | |
| Silver | ppm | ASTM D5185m | | 0 | | |
| Aluminum | ppm | ASTM D5185m | >10 | 1 | | |
| Lead | ppm | ASTM D5185m | >10 | 0 | | |
| Copper | ppm | ASTM D5185m | >75 | <1 | | |
| Tin | ppm | ASTM D5185m | >10 | 0 | | |
| Vanadium | ppm | ASTM D5185m | | 0 | | |
| Cadmium | ppm | ASTM D5185m | | 0 | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185m | 5 | 0 | | |
| Barium | ppm | ASTM D5185m | 5 | 0 | | |
| Molybdenum | ppm | ASTM D5185m | 5 | 0 | | |
| Manganese | ppm | ASTM D5185m | | 0 | | |
| Magnesium | ppm | ASTM D5185m | 25 | 12 | | |
| Calcium | ppm | ASTM D5185m | 200 | 231 | | |
| Phosphorus | ppm | ASTM D5185m | 300 | 418 | | |
| Zinc | ppm | ASTM D5185m | 370 | 523 | | |
| Sulfur | ppm | ASTM D5185m | 2500 | 1061 | | |
| CONTAMINANTS | 6 | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185m | >20 | 1 | | |
| Sodium | ppm | ASTM D5185m | | <1 | | |
| Potassium | ppm | ASTM D5185m | >20 | <1 | | |
| FLUID CLEANLIN | IESS | method | limit/base | current | history1 | history2 |
| Particles >4µm | | ASTM D7647 | >5000 | 65249 | | |
| Particles >6µm | | ASTM D7647 | >1300 | <u> </u> | | |
| Particles >14µm | | ASTM D7647 | >160 | <mark>/</mark> 369 | | |
| Particles >21µm | | ASTM D7647 | >40 | <u> </u> | | |
| Particles >38µm | | ASTM D7647 | >10 | 1 | | |
| Particles >71µm | | ASTM D7647 | >3 | 0 | | |
| Oil Cleanliness | | ISO 4406 (c) | >19/17/14 | A 23/21/16 | | |
| FLUID DEGRADA | ATION | method | limit/base | current | history1 | history2 |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | 0.57 | 0.56 | | |

Report Id: CARCOR [WUSCAR] 06062656 (Generated: 01/20/2024 02:29:03) Rev: 1

Contact/Location: SWANN MCCLURE - CARCOR



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