

OIL ANALYSIS REPORT

Sample Rating Trend



Area **PACO 68 [1603855] L5-ML-BMA-SCH - PFNONWOVENS** Component

Component Gearbox

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

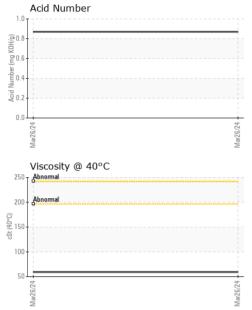
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

| SAMPLE INFORM | IATION | method | limit/base | current | history1 | history2 |
|------------------|----------|-------------|------------|-------------|----------|----------|
| Sample Number | | Client Info | | UCH06205619 | | |
| Sample Date | | Client Info | | 26 Mar 2024 | | |
| Machine Age | hrs | Client Info | | 0 | | |
| Oil Age | hrs | 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 |
| Iron | ppm | ASTM D5185m | >200 | 3 | | |
| Chromium | ppm | ASTM D5185m | >15 | <1 | | |
| Nickel | ppm | ASTM D5185m | >15 | 0 | | |
| Titanium | ppm | ASTM D5185m | | 0 | | |
| Silver | ppm | ASTM D5185m | | 0 | | |
| Aluminum | ppm | ASTM D5185m | >25 | <1 | | |
| Lead | ppm | ASTM D5185m | >100 | 3 | | |
| Copper | ppm | ASTM D5185m | >200 | 6 | | |
| Tin | ppm | ASTM D5185m | >25 | 1 | | |
| Vanadium | ppm | ASTM D5185m | | 0 | | |
| Cadmium | ppm | ASTM D5185m | | <1 | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185m | | 0 | | |
| Barium | ppm | ASTM D5185m | | 0 | | |
| Molybdenum | ppm | ASTM D5185m | | 3 | | |
| Manganese | ppm | ASTM D5185m | | 2 | | |
| Magnesium | ppm | ASTM D5185m | | 5 | | |
| Calcium | ppm | ASTM D5185m | | 107 | | |
| Phosphorus | ppm | ASTM D5185m | | 444 | | |
| Zinc | ppm | ASTM D5185m | | 584 | | |
| Sulfur | ppm | ASTM D5185m | | 7247 | | |
| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185m | >50 | 3 | | |
| Sodium | ppm | ASTM D5185m | | 4 | | |
| Potassium | ppm | ASTM D5185m | >20 | 6 | | |
| FLUID DEGRADA | TION | method | limit/base | current | history1 | history2 |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | | 0.87 | | |



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VISUAL



| | VICONE | | | | | | , |
|--|--|------------------------------|------------|--|-------------|----------|---|
| | White Metal | scalar | *Visual | NONE | NONE | | |
| | Yellow Metal | scalar | *Visual | NONE | NONE | | |
| | Precipitate | scalar | *Visual | NONE | NONE | | |
| | Silt | scalar | *Visual | NONE | NONE | | |
| | Debris | scalar | *Visual | NONE | NONE | | |
| | Sand/Dirt | scalar | *Visual | NONE | NONE | | |
| Mar26/24 | Appearance | scalar | *Visual | NORML | NORML | | |
| Mar | Odor | scalar | *Visual | NORML | NORML | | |
| | Emulsified Water | scalar | *Visual | >0.2 | NEG | | |
| | Free Water | scalar | *Visual | | NEG | | |
| | FLUID PROPERT | TIFS | method | limit/base | current | history1 | history2 |
| | Visc @ 40°C | cSt | ASTM D445 | in it bacc | 59.1 | | |
| | SAMPLE IMAGES | | method | limit/base | current | history1 | history2 |
| Mar26/24 | Color | 5 | method | | s. | no image | no image |
| Mai2 | Bottom | | | | | no image | no image |
| | Ferrous Alloys | | | Mar26/24 | Acid Number | | |
| | 150 50 50 50 50 50 50 50 50 50 50 50 50 5 | | - A.u O.u. | (b) ADD 075510 | Mar26/24 | | |
| Laboratory Sample No. Lab Number | : WearCheck USA - 50 : UCH06205619 : 06205619 | 1 Madisor Receit Teste | ved : 10 | , NC 27513) Jun 2024 3 Jun 2024 | CORROS | | 5 & EQUIPMEN DINTVIEW AV EPHRATA, P. |

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