

OIL ANALYSIS REPORT

CPK - D00200 Machine Id A2310088

Component Unknown Component

NOT GIVEN (--- GAL)

Sample Rating Trend NORMAL Oction 23

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample.

Wear

{not applicable}

Contamination

{not applicable}

Fluid Condition

{not applicable}

| | | | | Oct2023 | | |
|------------------|--------|---------------|------------|--------------|----------|----------|
| SAMPLE INFORM | MATION | method | limit/base | current | history1 | history2 |
| Batch # | | Client Info | | 2023 10 0410 | | |
| Machine ID | | Client Info | | A2310088 | | |
| Department | | Client Info | | Production | | |
| Sample From | | Client Info | | Drum | | |
| Production Stage | | Client Info | | Initial | | |
| Sent to WC | | Client Info | | 10/17/2023 | | |
| Sample Number | | Client Info | | E30000527 | | |
| Sample Date | | Client Info | | 17 Oct 2023 | | |
| Machine Age | hrs | Client Info | | 0 | | |
| Oil Age | hrs | Client Info | | 0 | | |
| Oil Changed | | Client Info | | N/A | | |
| Sample Status | | | | NORMAL | | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185(m) | | <1 | | |
| Chromium | ppm | ASTM D5185(m) | | 0 | | |
| Nickel | ppm | ASTM D5185(m) | | <1 | | |
| Titanium | ppm | ASTM D5185(m) | | 0 | | |
| Silver | ppm | ASTM D5185(m) | | <1 | | |
| Aluminum | ppm | ASTM D5185(m) | | 0 | | |
| Lead | ppm | ASTM D5185(m) | | 0 | | |
| Copper | ppm | ASTM D5185(m) | | <1 | | |
| Tin | ppm | ASTM D5185(m) | | 0 | | |
| Antimony | ppm | ASTM D5185(m) | | 0 | | |
| 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) | | <1 | | |
| Barium | ppm | ASTM D5185(m) | | 0 | | |
| Molybdenum | ppm | ASTM D5185(m) | | 0 | | |
| Manganese | ppm | ASTM D5185(m) | | 0 | | |
| Magnesium | ppm | ASTM D5185(m) | | 0 | | |
| Calcium | ppm | ASTM D5185(m) | | <1 | | |
| Phosphorus | ppm | ASTM D5185(m) | | 3 | | |
| Zinc | ppm | ASTM D5185(m) | | 2 | | |
| Sulfur | ppm | ASTM D5185(m) | | 899 | | |
| Lithium | ppm | ASTM D5185(m) | | <1 | | |
| CONTAMINANTS | ; | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185(m) | | 4 | | |
| Sodium | ppm | ASTM D5185(m) | | 0 | | |
| Potassium | ppm | ASTM D5185(m) | >20 | 0 | | |



OIL ANALYSIS REPORT

| VISUAL | | method | limit/base | current | history1 | history2 |
|--------------------------|--------|---------|------------|---|----------|----------|
| 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 | | |
| Appearance | scalar | Visual* | NORML | NORML | | |
| Odor | scalar | Visual* | NORML | NORML | | |
| SAMPLE IMAGES | 5 | method | limit/base | current | history1 | history2 |
| Color | | | | | no image | no image |
| Bottom | | | | 100 C C C C C C C C C C C C C C C C C C | no image | no image |
| GRAPHS | | | | | | |
| Ferrous Alloys | | | | | | |
| iron | | | | | | |
| 8 - *********** chromium | | | | | | |
| 6 | | | | | | |
| 4 | | | | | | |
| 2 | | | | | | |
| | | | | | | |
| 0 123 L | | | /23 | | | |
| Oct17/23 | | | Oct17/23 | | | |
| Non-ferrous Metals | S | | | | | |
| 10 copper | | | | | | |
| 8 - management lead | | | | | | |
| 6- | | | | | | |
| 4 | | | | | | |
| | | | | | | |
| 2 | | | | | | |
| 23 | | | 23 | | | |
| 0ct17/23 | | | Oct17/23 | | | |



CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number

Unique Number : 5659516

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : E30000527 Received : 02590450

Diagnosed Diagnostician : Tatiana Sorkina

: 19 Oct 2023 : 20 Oct 2023

Test Package : TEST (Additional Tests: ICP) 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.

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