



OIL ANALYSIS REPORT

Sample Rating Trend

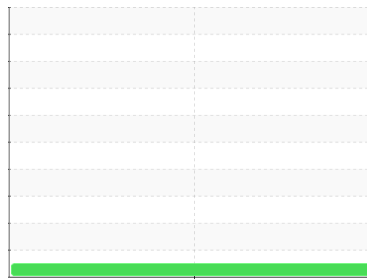
NORMAL



Machine Id
1570B

Component
3 Swing Drive

Fluid
BELRAY 100 EP GEAR OIL 680 (750 GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

| | method | limit/base | current | history1 | history2 |
|---------------|-------------|-------------|--------------------|----------|----------|
| Sample Number | Client Info | | BR0000783 | --- | --- |
| Sample Date | Client Info | | 20 Sep 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) | >400 | 162 | --- |
| Chromium | ppm | ASTM D5185(m) | >10 | 2 | --- |
| Nickel | ppm | ASTM D5185(m) | >10 | 2 | --- |
| Titanium | ppm | ASTM D5185(m) | | 0 | --- |
| Silver | ppm | ASTM D5185(m) | | 0 | --- |
| Aluminum | ppm | ASTM D5185(m) | >25 | 31 | --- |
| Lead | ppm | ASTM D5185(m) | >50 | 2 | --- |
| Copper | ppm | ASTM D5185(m) | >200 | 15 | --- |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | --- |
| Antimony | ppm | ASTM D5185(m) | >5 | 20 | --- |
| 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) | | 1 | --- |
| Molybdenum | ppm | ASTM D5185(m) | | 154 | --- |
| Manganese | ppm | ASTM D5185(m) | | 1 | --- |
| Magnesium | ppm | ASTM D5185(m) | | <1 | --- |
| Calcium | ppm | ASTM D5185(m) | | 15 | --- |
| Phosphorus | ppm | ASTM D5185(m) | | 917 | --- |
| Zinc | ppm | ASTM D5185(m) | | 23 | --- |
| Sulfur | ppm | ASTM D5185(m) | | 9487 | --- |
| Lithium | ppm | ASTM D5185(m) | | 2 | --- |

CONTAMINANTS

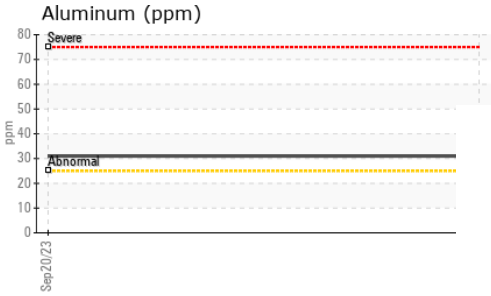
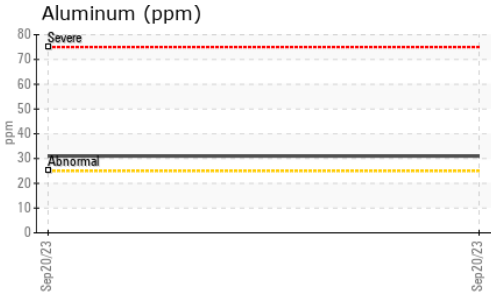
| | method | limit/base | current | history1 | history2 |
|-----------|--------|---------------|---------|--------------|----------|
| Silicon | ppm | ASTM D5185(m) | >50 | 15 | --- |
| Sodium | ppm | ASTM D5185(m) | | 3 | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | --- |

VISUAL

| | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|--------------|----------|
| White Metal | scalar | Visual* | NONE | VLITE | --- |
| 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 | --- |
| Emulsified Water | scalar | Visual* | >0.2 | NEG | --- |
| Free Water | scalar | Visual* | | NEG | --- |



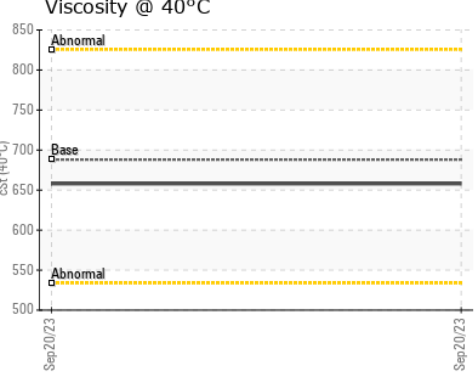
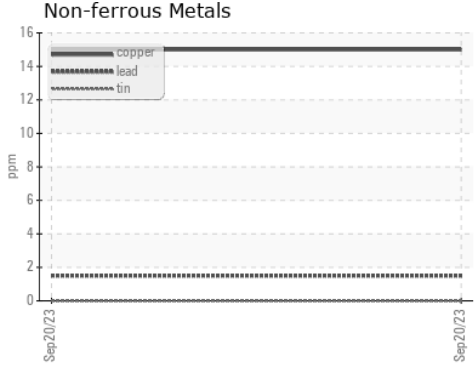
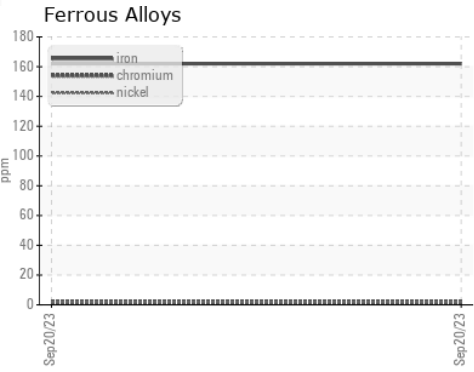
OIL ANALYSIS REPORT



| FLUID PROPERTIES | | method | limit/base | current | history1 | history2 |
|------------------|-----|---------------|------------|------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D7279(m) | 688 | 658 | --- | --- |

| SAMPLE IMAGES | | method | limit/base | current | history1 | history2 |
|---------------|--|--------|------------|---------|----------|----------|
| Color | | | | | no image | no image |
| Bottom | | | | | no image | no image |

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **CAN JER INDUSTRIAL LUBRICANT LTD**
Sample No. : BR0000783 **Received** : 28 Sep 2023 419 MISSISSIPPIAN DRIVE
Lab Number : 02585956 **Diagnosed** : 29 Sep 2023 ESTEVAN, SK
Unique Number : 5655022 **Diagnostician** : Kevin Marson CA S4A 2A4
Test Package : IND 1 **Contact:** LANDON LILLEJORD
lilljrd@canjer.com

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.