



| | |
|-----------------|---------------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Machine Id
100 KING ST W TORONTO BROOKFIELD PROPERTIES B3 UNIT 2

Component
Rear Diesel Engine
 Fluid
ESSO XD-3 EXTRA 15W40 (180 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|----------|----------|
| Sample Number | | Client Info | | PN0006155 | --- | --- |
| Sample Date | | Client Info | | 04 May 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 1575 | --- | --- |
| Oil Age | hrs | Client Info | | 28 | --- | --- |
| Filter Age | hrs | Client Info | | 28 | --- | --- |
| Oil Changed | | Client Info | | Changed | --- | --- |
| Filter Changed | | Client Info | | Changed | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|----------|-----|---------------|------|--------------|-----|-----|
| Iron | ppm | ASTM D5185(m) | >100 | 1 | --- | --- |
| Chromium | ppm | ASTM D5185(m) | >20 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >4 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | >3 | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | >20 | <1 | --- | --- |
| Lead | ppm | ASTM D5185(m) | >40 | 0 | --- | --- |
| Copper | ppm | ASTM D5185(m) | >330 | 2 | --- | --- |
| Tin | ppm | ASTM D5185(m) | >15 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |

CONTAMINATION

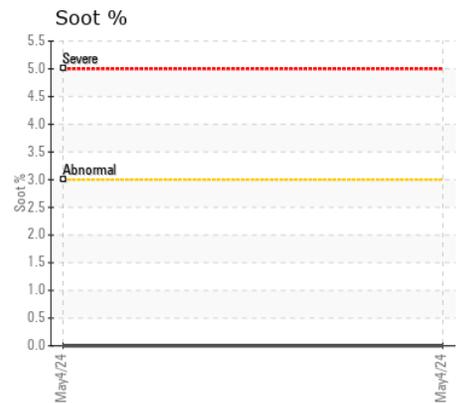
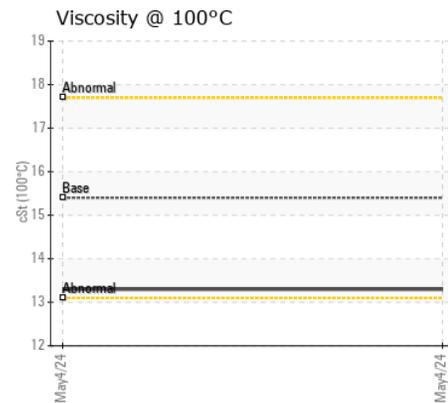
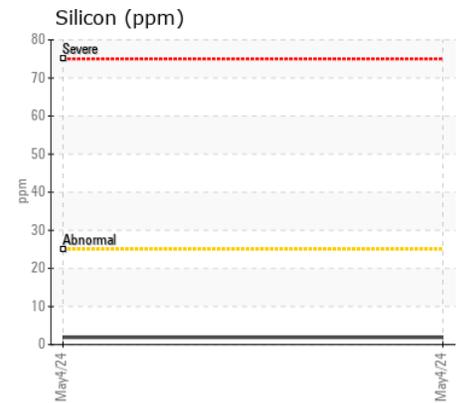
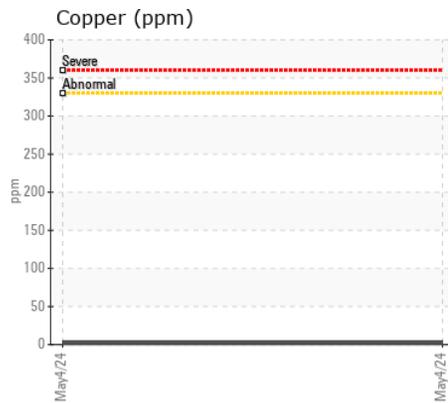
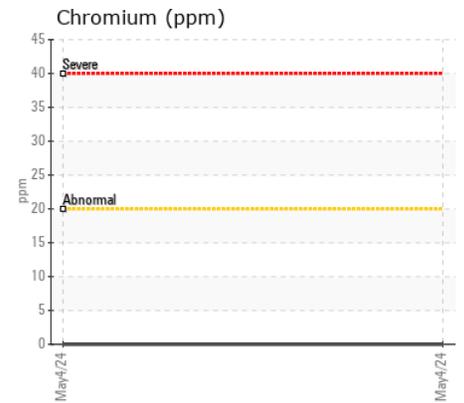
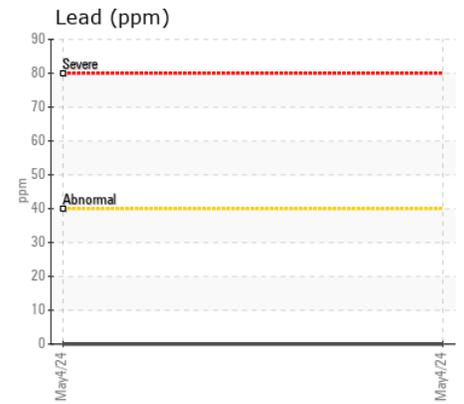
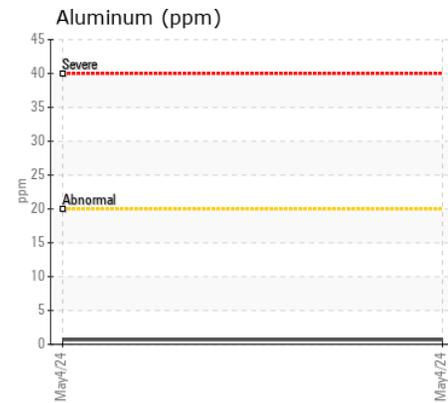
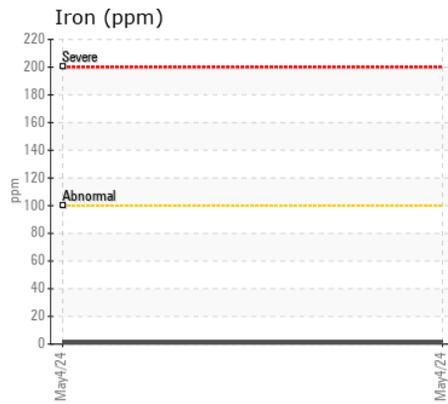
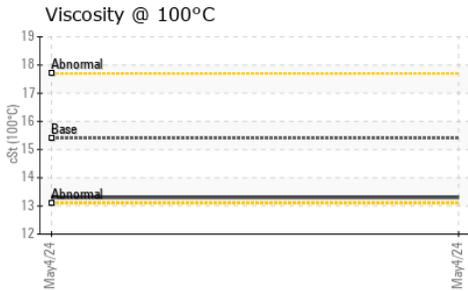
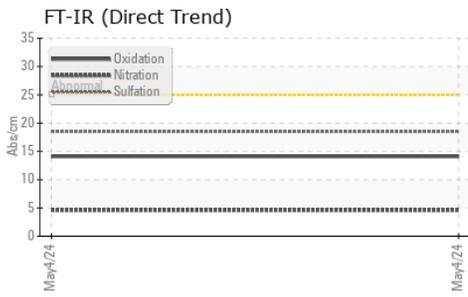
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|----------|---------------|------|----------------|-----|-----|
| Silicon | ppm | ASTM D5185(m) | >25 | 2 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 0 | --- | --- |
| Fuel | | WC Method | >5 | <1.0 | --- | --- |
| Water | | WC Method | >0.2 | NEG | --- | --- |
| Glycol | | WC Method | | NEG | --- | --- |
| Soot % | % | ASTM D7844* | >3 | 0 | --- | --- |
| Nitration | Abs/cm | ASTM D7624* | >20 | 4.6 | --- | --- |
| Sulfation | Abs/.1mm | ASTM D7415* | >30 | 18.5 | --- | --- |
| Emulsified Water | scalar | Visual* | >0.2 | NEG | --- | --- |

FLUID CONDITION

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

| | | | | | | |
|--------------|----------|---------------|------|-------------|-----|-----|
| Sodium | ppm | ASTM D5185(m) | >192 | 1 | --- | --- |
| Boron | ppm | ASTM D5185(m) | | 16 | --- | --- |
| Barium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | | 52 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | | 847 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 3780 | 1209 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | 1370 | 978 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 1500 | 1140 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | 3800 | 2588 | --- | --- |
| Oxidation | Abs/.1mm | ASTM D7414* | >25 | 14.1 | --- | --- |
| Visc @ 100°C | cSt | ASTM D7279(m) | 15.4 | 13.3 | --- | --- |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PN0006155 **Received** : 07 May 2024
Lab Number : 02633802 **Tested** : 07 May 2024
Unique Number : 5774955 **Diagnosed** : 07 May 2024 - Kevin Marson
Test Package : MOB 1

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.

POWER STATION INC.
 1050 JAYSON COURT
 MISSISSAUGA, ON
 CA L4W 2V5
 Contact: Ryan Udall
 rudall@pwrstn.com
 T: (905)565-1621
 F: (905)629-1499