



# OIL ANALYSIS REPORT

Sample Rating Trend

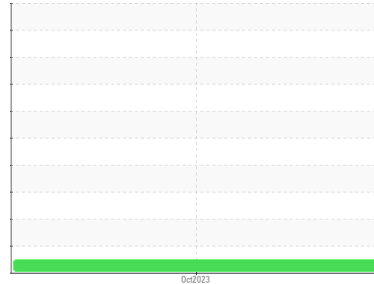
**NORMAL**



Machine Id  
**T2 PASTEURIZER TOP DECK MAIN DRIVE**

Component  
**Top Gearbox**

Fluid  
**GEAR OIL (PAG) ISO 220 (--- GAL)**



## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL (PAG) ISO 220. Please confirm.

### 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 INFORMATION

|               | method      | limit/base  | current            | history1 | history2 |
|---------------|-------------|-------------|--------------------|----------|----------|
| Sample Number | Client Info |             | <b>PP</b>          | ---      | ---      |
| Sample Date   | Client Info |             | <b>29 Oct 2023</b> | ---      | ---      |
| Machine Age   | hrs         | Client Info | <b>0</b>           | ---      | ---      |
| Oil Age       | hrs         | Client Info | <b>0</b>           | ---      | ---      |
| Oil Changed   | Client Info |             | <b>N/A</b>         | ---      | ---      |
| Sample Status |             |             | <b>NORMAL</b>      | ---      | ---      |

## WEAR METALS

|           | method      | limit/base         | current      | history1 | history2 |
|-----------|-------------|--------------------|--------------|----------|----------|
| PQ        | ASTM D8184* |                    | <b>0</b>     | ---      | ---      |
| Iron      | ppm         | ASTM D5185(m) >200 | <b>5</b>     | ---      | ---      |
| Chromium  | ppm         | ASTM D5185(m) >15  | <b>0</b>     | ---      | ---      |
| Nickel    | ppm         | ASTM D5185(m) >15  | <b>&lt;1</b> | ---      | ---      |
| Titanium  | ppm         | ASTM D5185(m)      | <b>0</b>     | ---      | ---      |
| Silver    | ppm         | ASTM D5185(m)      | <b>&lt;1</b> | ---      | ---      |
| Aluminum  | ppm         | ASTM D5185(m) >25  | <b>0</b>     | ---      | ---      |
| Lead      | ppm         | ASTM D5185(m) >100 | <b>0</b>     | ---      | ---      |
| Copper    | ppm         | ASTM D5185(m) >200 | <b>&lt;1</b> | ---      | ---      |
| Tin       | ppm         | ASTM D5185(m) >25  | <b>0</b>     | ---      | ---      |
| Antimony  | ppm         | ASTM D5185(m) >5   | <b>0</b>     | ---      | ---      |
| Vanadium  | ppm         | ASTM D5185(m)      | <b>0</b>     | ---      | ---      |
| Beryllium | ppm         | ASTM D5185(m)      | <b>0</b>     | ---      | ---      |
| Cadmium   | ppm         | ASTM D5185(m)      | <b>0</b>     | ---      | ---      |

## ADDITIVES

|            | method | limit/base         | current      | history1 | history2 |
|------------|--------|--------------------|--------------|----------|----------|
| Boron      | ppm    | ASTM D5185(m) 5    | <b>&lt;1</b> | ---      | ---      |
| Barium     | ppm    | ASTM D5185(m) 5    | <b>&lt;1</b> | ---      | ---      |
| Molybdenum | ppm    | ASTM D5185(m) 5    | <b>0</b>     | ---      | ---      |
| Manganese  | ppm    | ASTM D5185(m)      | <b>0</b>     | ---      | ---      |
| Magnesium  | ppm    | ASTM D5185(m) 5    | <b>0</b>     | ---      | ---      |
| Calcium    | ppm    | ASTM D5185(m) 5    | <b>&lt;1</b> | ---      | ---      |
| Phosphorus | ppm    | ASTM D5185(m) 775  | <b>542</b>   | ---      | ---      |
| Zinc       | ppm    | ASTM D5185(m) 5    | <b>1</b>     | ---      | ---      |
| Sulfur     | ppm    | ASTM D5185(m) 2000 | <b>481</b>   | ---      | ---      |
| Lithium    | ppm    | ASTM D5185(m)      | <b>&lt;1</b> | ---      | ---      |

## CONTAMINANTS

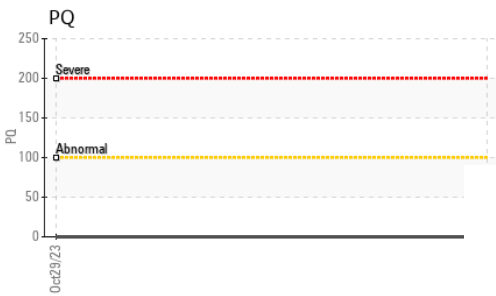
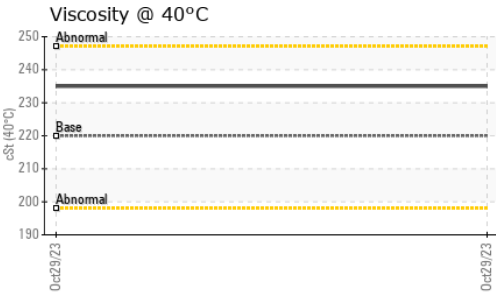
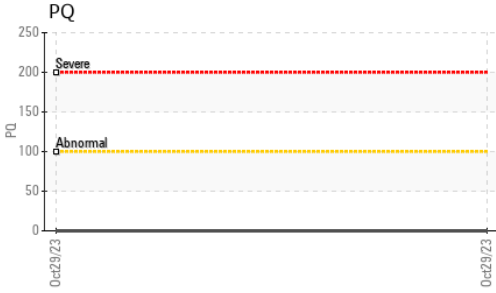
|           | method | limit/base        | current      | history1 | history2 |
|-----------|--------|-------------------|--------------|----------|----------|
| Silicon   | ppm    | ASTM D5185(m) >50 | <b>&lt;1</b> | ---      | ---      |
| Sodium    | ppm    | ASTM D5185(m)     | <b>1</b>     | ---      | ---      |
| Potassium | ppm    | ASTM D5185(m) >20 | <b>&lt;1</b> | ---      | ---      |

## FLUID DEGRADATION

|                  | method   | limit/base      | current     | history1 | history2 |
|------------------|----------|-----------------|-------------|----------|----------|
| Acid Number (AN) | mg KOH/g | ASTM D974* 2.00 | <b>0.25</b> | ---      | ---      |



# OIL ANALYSIS REPORT



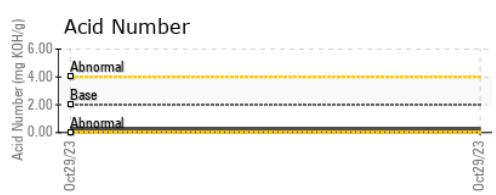
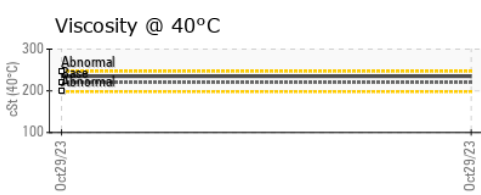
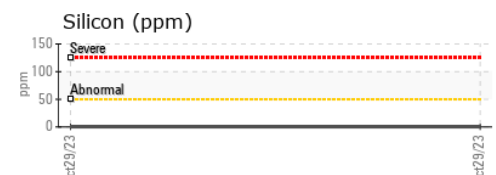
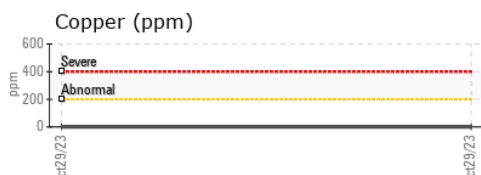
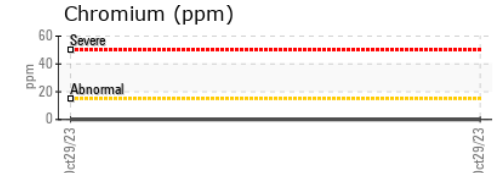
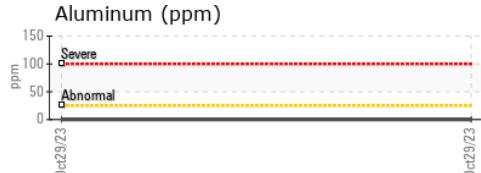
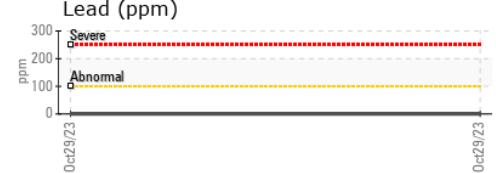
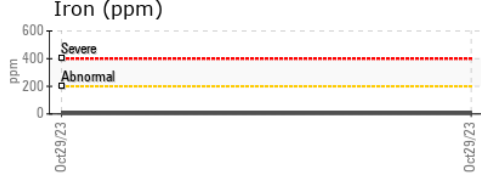
| VISUAL           | method | limit/base | current | history1 | history2 |     |
|------------------|--------|------------|---------|----------|----------|-----|
| White Metal      | scalar | Visual*    | NONE    | NONE     | ---      | --- |
| Yellow Metal     | scalar | Visual*    | NONE    | NONE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

| FLUID PROPERTIES | method | limit/base    | current | history1   | history2 |     |
|------------------|--------|---------------|---------|------------|----------|-----|
| Visc @ 40°C      | cSt    | ASTM D7279(m) | 220     | <b>235</b> | ---      | --- |

| 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  
**Sample No.** : PP **Received** : 30 Oct 2023  
**Lab Number** : **02592847** **Diagnosed** : 31 Oct 2023  
**Unique Number** : 5669926 **Diagnostician** : Wes Davis  
**Test Package** : MOB 2 ( Additional Tests: PQ )

**MOLSON TORONTO**  
 1 CARLINGVIEW DRIVE  
 TORONTO, ON  
 CA M9W 5E5  
 Contact: Mirko Miljanovic  
 mirko.miljanovic@molsoncoors.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.

T:  
F: