



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area  
**[839544]**  
 Machine Id  
**HOLDER 319195**  
 Component  
**Hydraulic System**  
 Fluid  
**TOTAL BIOHYDRAN SE 46 (--- LTR)**

## RECOMMENDATION

Resample at the next service interval to monitor. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

## WEAR

All component wear rates are normal.

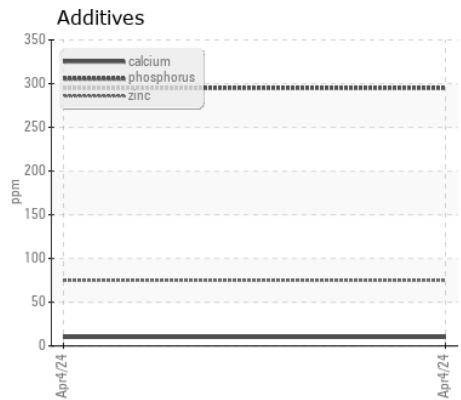
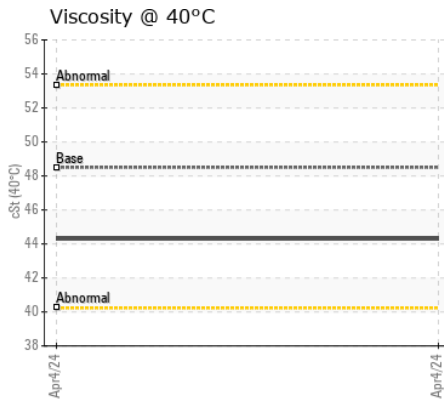
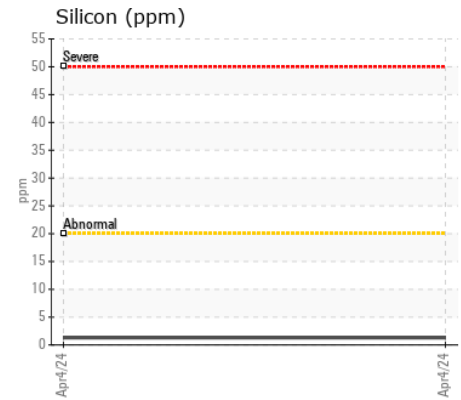
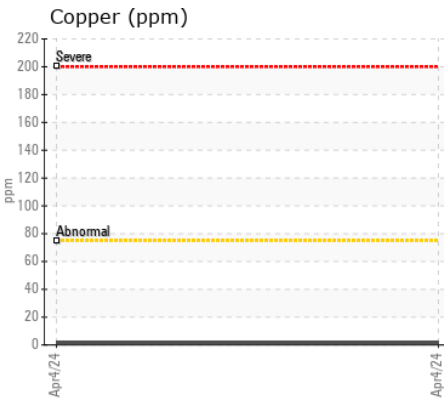
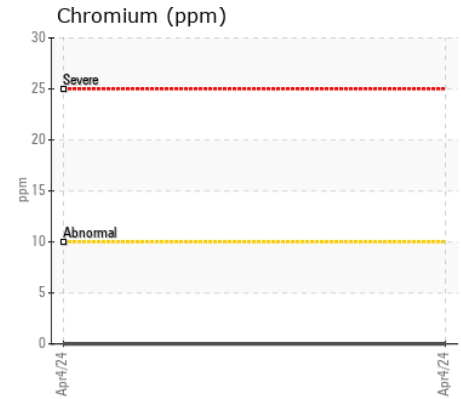
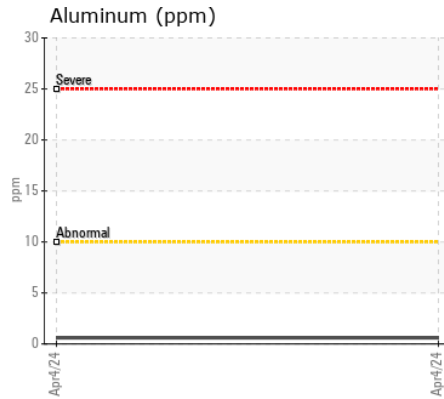
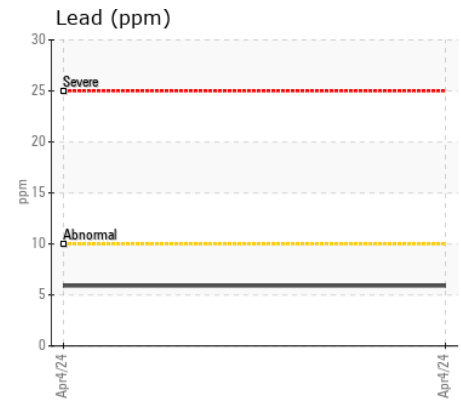
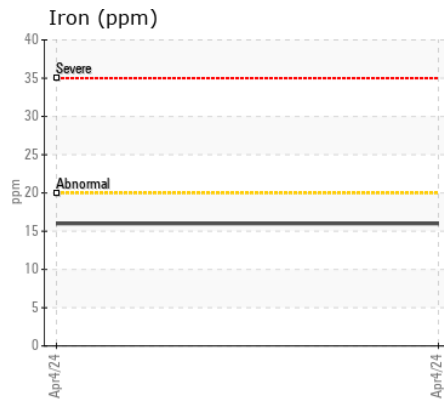
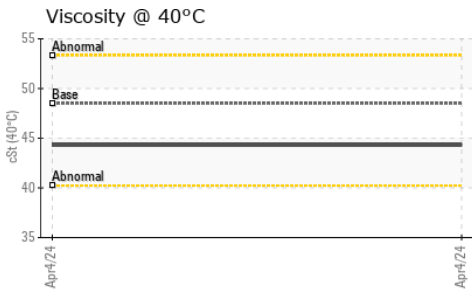
## CONTAMINATION

There is no indication of any contamination in the component(unconfirmed).

## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>CU0021174</b>	---	---
Sample Date		Client Info		<b>04 Apr 2024</b>	---	---
Machine Age	hrs	Client Info		<b>555</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>Not Changd</b>	---	---
Filter Changed		Client Info		<b>Not Changd</b>	---	---
Sample Status				<b>NORMAL</b>	---	---
Iron	ppm	ASTM D5185(m)	>20	<b>16</b>	---	---
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>1</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>10	<b>6</b>	---	---
Copper	ppm	ASTM D5185(m)	>75	<b>2</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Silicon	ppm	ASTM D5185(m)	>20	<b>1</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	---	---
Water		WC Method	>0.1	<b>NEG</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>4</b>	---	---
Boron	ppm	ASTM D5185(m)	0	<b>2</b>	---	---
Barium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)	0	<b>1</b>	---	---
Magnesium	ppm	ASTM D5185(m)	0	<b>5</b>	---	---
Calcium	ppm	ASTM D5185(m)	0	<b>10</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	0	<b>295</b>	---	---
Zinc	ppm	ASTM D5185(m)	0	<b>75</b>	---	---
Sulfur	ppm	ASTM D5185(m)	1100	<b>668</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	48.5	<b>44.3</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : CU0021174 **Received** : 11 Apr 2024  
**Lab Number** : 02628232 **Tested** : 11 Apr 2024  
**Unique Number** : 5761364 **Diagnosed** : 11 Apr 2024 - Wes Davis  
**Test Package** : MOB 1

**City of Toronto**  
 1026 Finch Ave W.  
 Toronto, ON  
 CA M3J 2E1  
 Contact: Fleet Diagnostics  
 Fleetdiagnostics@toronto.ca  
 T: (416) 39-5 6355  
 F:

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.