



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id  
**KOHLER 2195 NORTH SERVICE - 350**  
 Component  
**Diesel Engine**  
 Fluid  
**TOTAL FINA RUBIA TIR 7900 15W40 (--- LTR)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0888830</b>	WC0665469	---
Sample Date		Client Info		<b>31 Jan 2024</b>	15 Apr 2022	---
Machine Age	hrs	Client Info		<b>1085</b>	1044	---
Oil Age	hrs	Client Info		<b>41</b>	0	---
Filter Age	hrs	Client Info		<b>41</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

## WEAR

All component wear rates are normal.

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

## CONTAMINATION

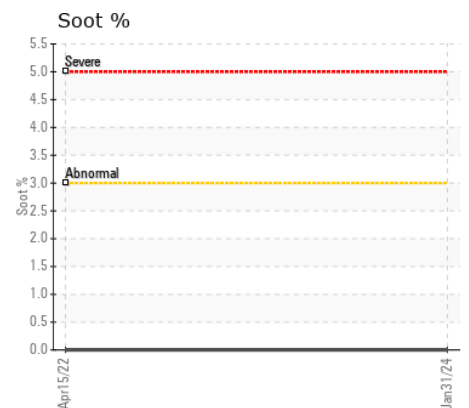
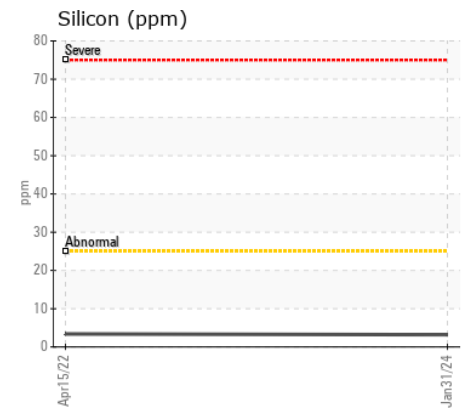
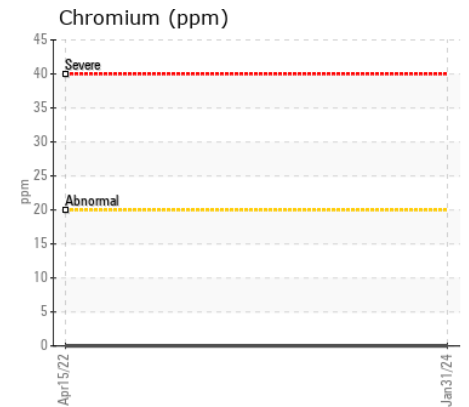
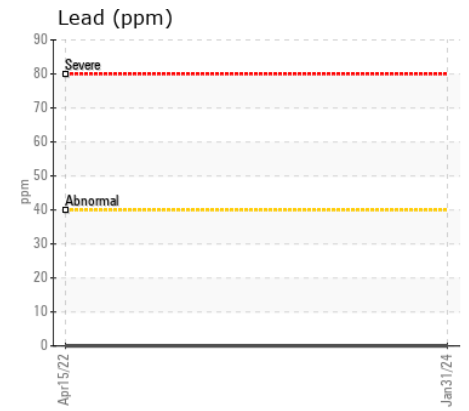
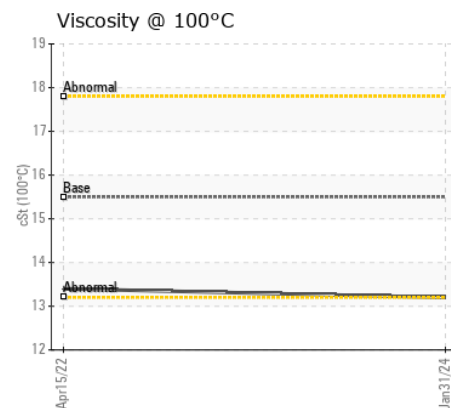
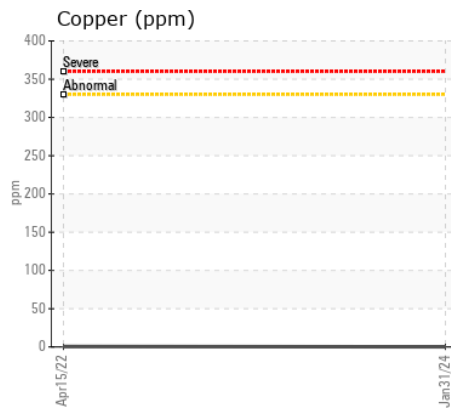
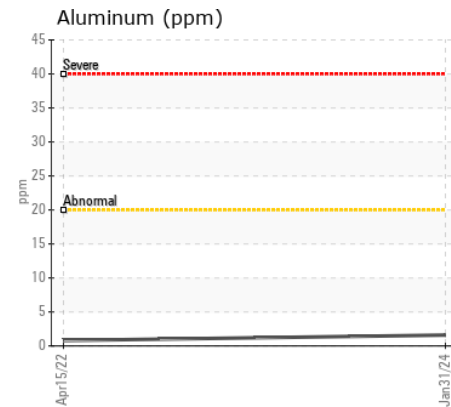
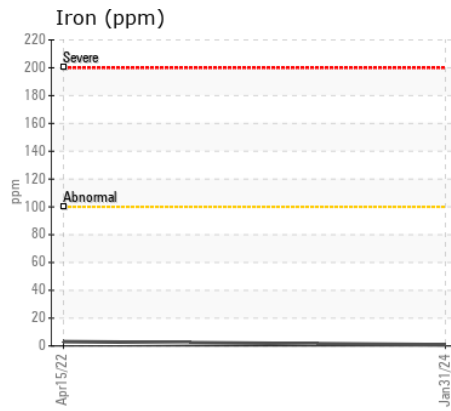
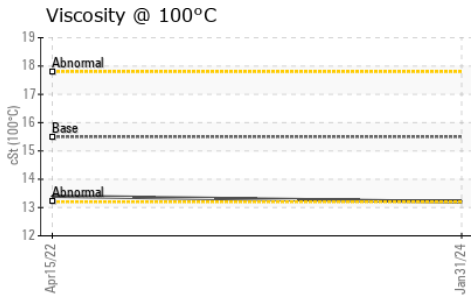
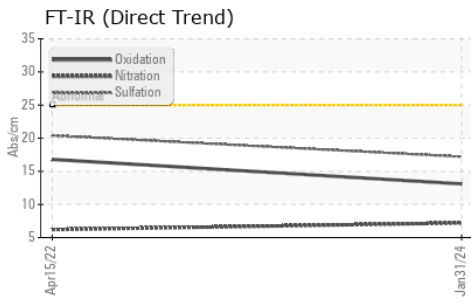
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	<b>3</b>	3	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	7	---
Fuel		WC Method	>5	<b>&lt;1.0</b>	<1.0	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Glycol		WC Method		<b>NEG</b>	0.0	---
Soot %	%	ASTM D7844*	>3	<b>0</b>	0	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.2</b>	6.2	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>17.2</b>	20.4	---
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		<b>2</b>	5	---
Boron	ppm	ASTM D5185(m)		<b>65</b>	129	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)		<b>86</b>	16	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185(m)		<b>84</b>	185	---
Calcium	ppm	ASTM D5185(m)	3290	<b>2074</b>	1887	---
Phosphorus	ppm	ASTM D5185(m)	1200	<b>1006</b>	1005	---
Zinc	ppm	ASTM D5185(m)	1400	<b>1128</b>	1070	---
Sulfur	ppm	ASTM D5185(m)	4000	<b>3086</b>	2843	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>13.1</b>	16.8	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.5	<b>13.2</b>	13.4	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0888830 **Received** : 15 Apr 2024  
**Lab Number** : 02628794 **Tested** : 16 Apr 2024  
**Unique Number** : 5761926 **Diagnosed** : 16 Apr 2024 - Kevin Marson  
**Test Package** : MOB 1

**GenWorx Power Systems Inc.**  
 785 Westney Road, Unit 4  
 Ajax, ON  
 CA L1S 7G1  
 Contact: J Curtis  
 jcurtis@genworx.ca

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.