



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id  
**KUBOTA SVL75 LDR014**  
Component  
**Diesel Engine**  
Fluid  
**DIESEL ENGINE OIL SAE 15W40 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0826262</b>	WC00848135	---
Sample Date		Client Info		<b>30 Dec 2023</b>	18 Oct 2023	---
Machine Age	hrs	Client Info		<b>1254</b>	1590	---
Oil Age	hrs	Client Info		<b>0</b>	250	---
Filter Age	hrs	Client Info		<b>0</b>	1590	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>Changed</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>100	<b>8</b>	34	---
Chromium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	>3	<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185(m)	>20	<b>2</b>	4	---
Lead	ppm	ASTM D5185(m)	>40	<b>0</b>	<1	---
Copper	ppm	ASTM D5185(m)	>330	<b>2</b>	8	---
Tin	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---

## CONTAMINATION

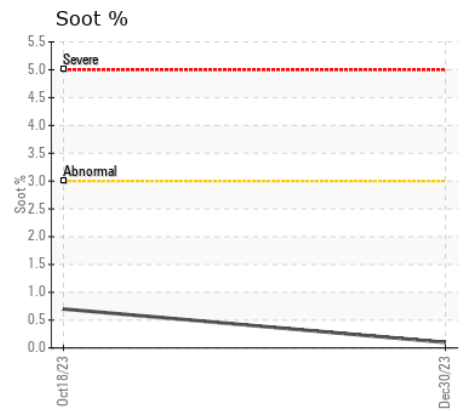
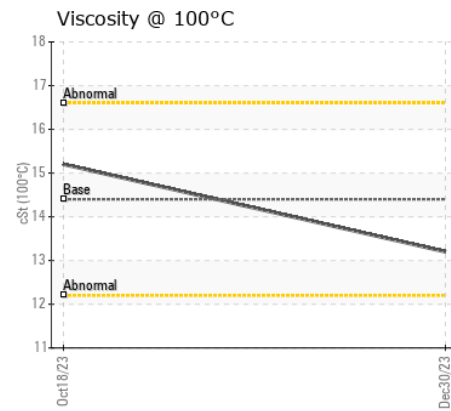
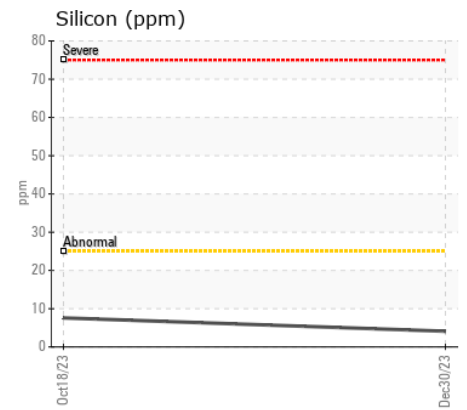
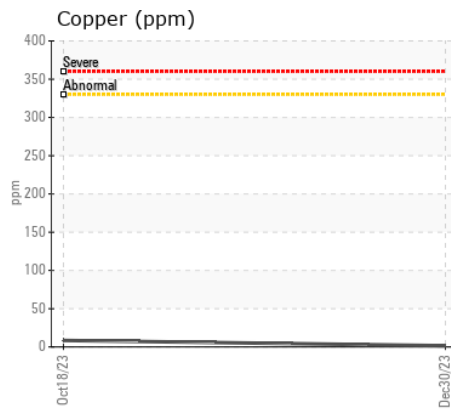
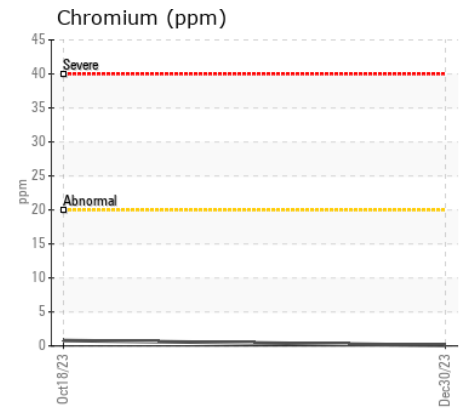
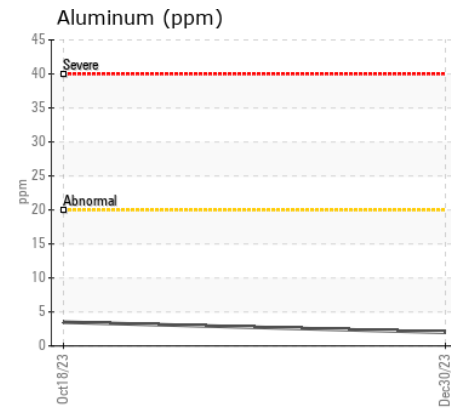
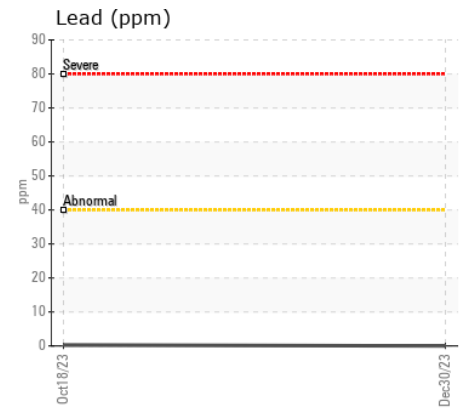
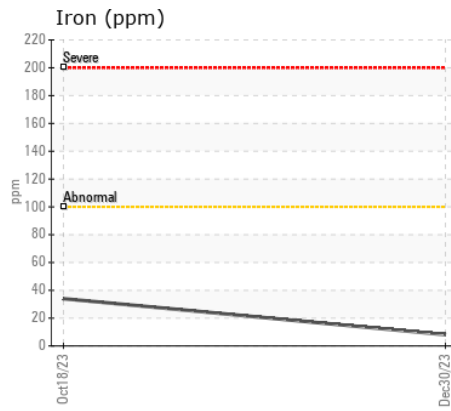
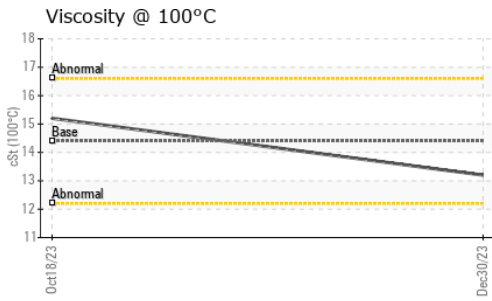
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	<b>4</b>	8	---
Potassium	ppm	ASTM D5185(m)	>20	<b>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>	NEG	---
Soot %	%	ASTM D7844*	>3	<b>0.1</b>	0.7	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.1</b>	12.8	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>21.9</b>	27.1	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
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)	>158	<b>2</b>	5	---
Boron	ppm	ASTM D5185(m)	250	<b>28</b>	20	---
Barium	ppm	ASTM D5185(m)	10	<b>0</b>	<1	---
Molybdenum	ppm	ASTM D5185(m)	100	<b>42</b>	42	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185(m)	450	<b>562</b>	457	---
Calcium	ppm	ASTM D5185(m)	3000	<b>1608</b>	2075	---
Phosphorus	ppm	ASTM D5185(m)	1150	<b>810</b>	854	---
Zinc	ppm	ASTM D5185(m)	1350	<b>935</b>	1082	---
Sulfur	ppm	ASTM D5185(m)	4250	<b>2351</b>	2392	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>20.0</b>	28.5	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.4	<b>13.2</b>	15.2	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0826262 **Received** : 04 Jan 2024  
**Lab Number** : 02606498 **Diagnosed** : 05 Jan 2024  
**Unique Number** : 5707584 **Diagnostician** : Wes Davis  
**Test Package** : MOB 1 ( Additional Tests: Visual )

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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.