



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
[48015-X0L9]
 Machine Id
KUBOTA WG2503 7PH8126
 Component
Natural Gas Engine
 Fluid
NOT GIVEN (--- GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

Metal levels are typical for a new component breaking in.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0713319	---	---
Sample Date	Client Info		08 Dec 2023	---	---
Machine Age	hrs	Client Info	529	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>50	5	---	---
Chromium	ppm	ASTM D5185(m)	>4	0	---	---
Nickel	ppm	ASTM D5185(m)	>2	0	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>3	0	---	---
Aluminum	ppm	ASTM D5185(m)	>9	2	---	---
Lead	ppm	ASTM D5185(m)	>30	<1	---	---
Copper	ppm	ASTM D5185(m)	>35	14	---	---
Tin	ppm	ASTM D5185(m)	>4	4	---	---
Antimony	ppm	ASTM D5185(m)		0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Beryllium	ppm	ASTM D5185(m)		0	---	---
Cadmium	ppm	ASTM D5185(m)		0	---	---

ADDITIVES

	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)		89	---	---
Barium	ppm	ASTM D5185(m)		2	---	---
Molybdenum	ppm	ASTM D5185(m)		65	---	---
Manganese	ppm	ASTM D5185(m)		1	---	---
Magnesium	ppm	ASTM D5185(m)		469	---	---
Calcium	ppm	ASTM D5185(m)		1271	---	---
Phosphorus	ppm	ASTM D5185(m)		655	---	---
Zinc	ppm	ASTM D5185(m)		743	---	---
Sulfur	ppm	ASTM D5185(m)		2691	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>+100	6	---	---
Sodium	ppm	ASTM D5185(m)		4	---	---
Potassium	ppm	ASTM D5185(m)	>20	1	---	---

INFRA-RED

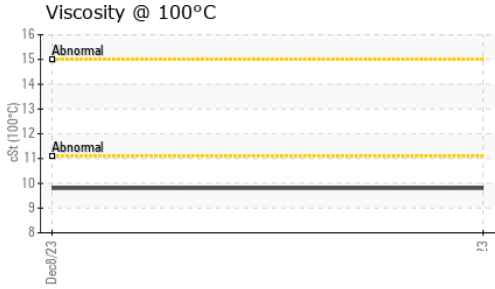
	method	limit/base	current	history1	history2	
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	7.8	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.3	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2	
Oxidation	Abs/.1mm	ASTM D7414*	>25	11.9	---	---



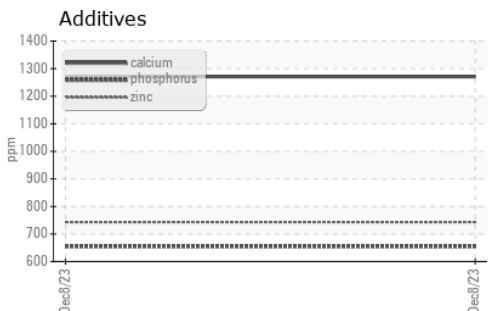
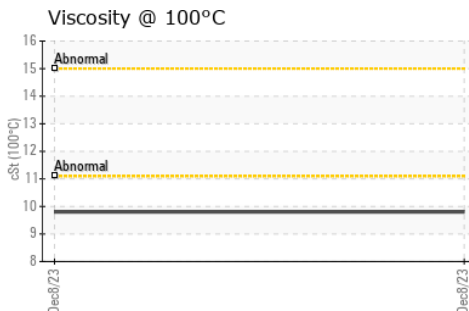
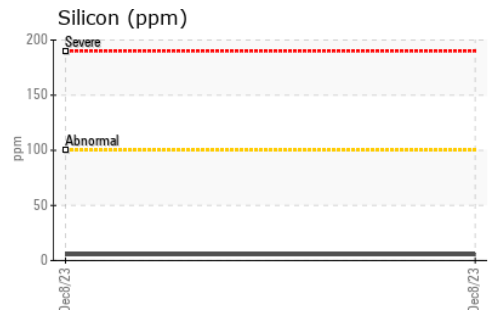
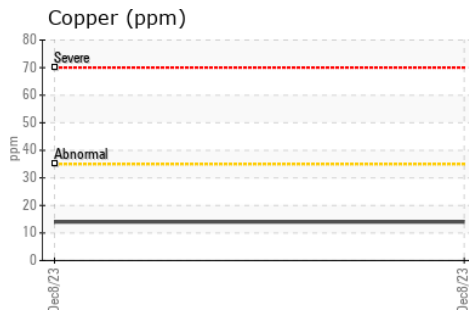
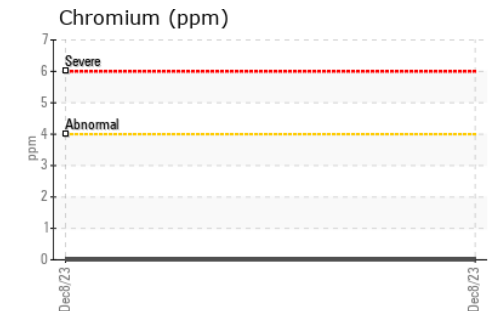
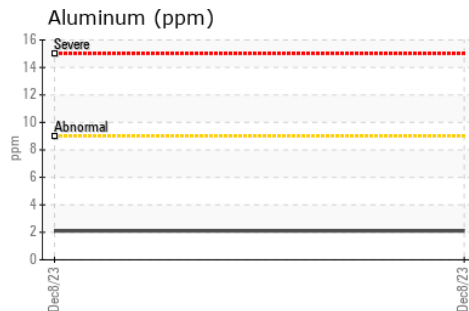
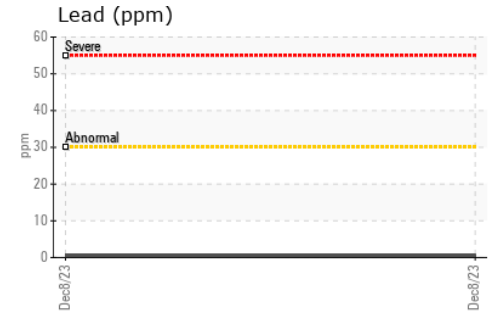
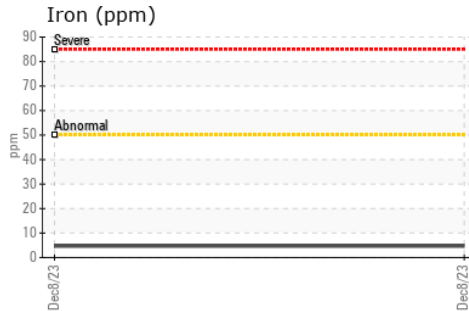
OIL ANALYSIS REPORT



PROPERTY	METHOD	LIMIT/BASE	CURRENT	HISTORY1	HISTORY2
Emulsified Water	scalar	Visual*	>0.1	---	---
Free Water	scalar	Visual*		---	---

PROPERTY	METHOD	LIMIT/BASE	CURRENT	HISTORY1	HISTORY2
Visc @ 100°C	cSt	ASTM D7279(m)	9.8	---	---

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **RONNIE'S GENERATOR SERVICE LTD.**
Sample No. : WC0713319 **Received** : 21 Dec 2023 **6459 NETHERHART ROAD**
Lab Number : 02604617 **Diagnosed** : 21 Dec 2023 **MISSISSAUGA, ON**
Unique Number : 5697702 **Diagnostician** : Kevin Marson **CA L5T 1C3**
Test Package : MOB 1 (Additional Tests: FT-IR(Diff)) **Contact: Paul Praturlon**

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:
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