



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
KUBOTA RTVX1140 MCP754
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		WC0892409	WC0848114	WC0650151
Sample Date		Client Info		06 Jan 2024	16 Oct 2023	23 Jun 2023
Machine Age	hrs	Client Info		891	652	359
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	N/A
Filter Changed		Client Info		Changed	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

Metal levels are typical for a new component breaking in.

Iron	ppm	ASTM D5185(m)	>100	48	47	54
Chromium	ppm	ASTM D5185(m)	>20	1	1	2
Nickel	ppm	ASTM D5185(m)	>4	0	0	0
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)	>3	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>20	4	3	7
Lead	ppm	ASTM D5185(m)	>40	0	<1	<1
Copper	ppm	ASTM D5185(m)	>330	2	4	9
Tin	ppm	ASTM D5185(m)	>15	<1	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

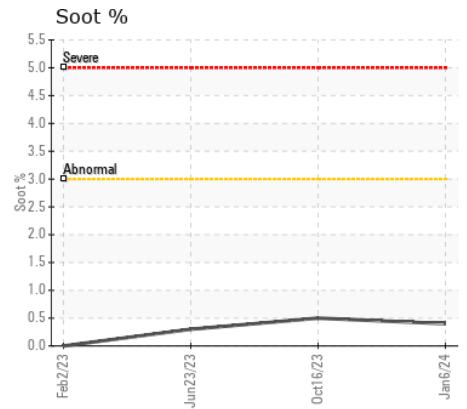
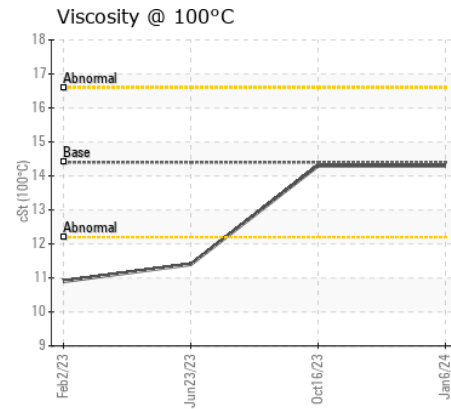
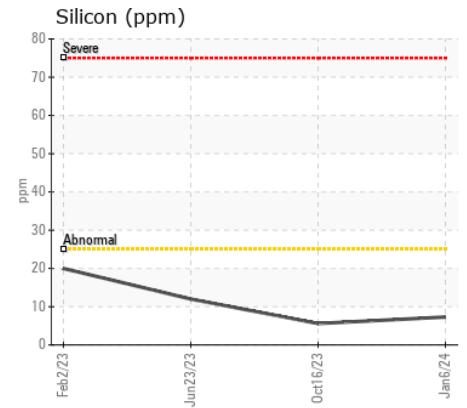
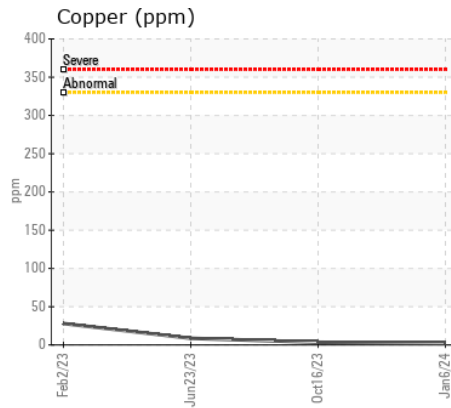
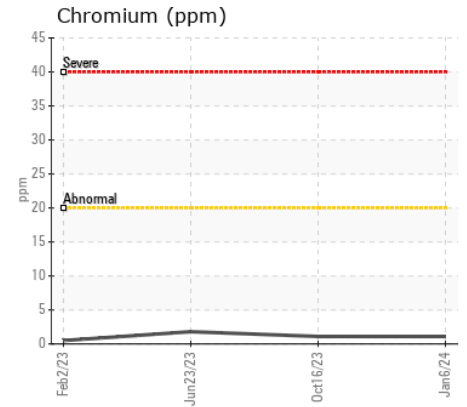
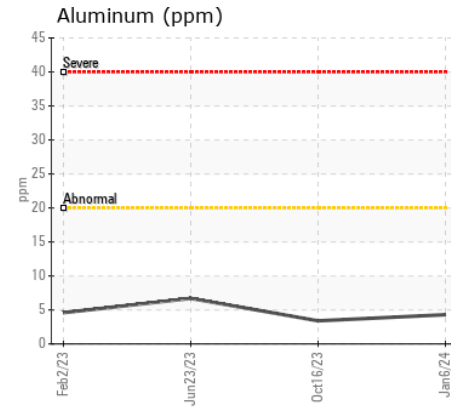
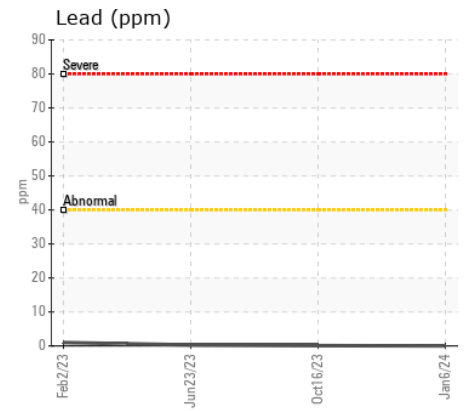
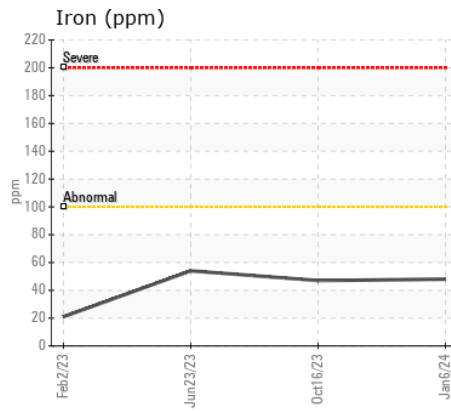
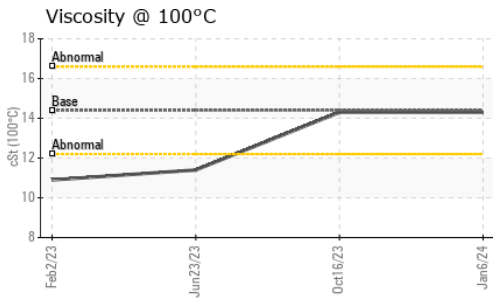
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	7	6	12
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	1
Fuel		WC Method	>5	<1.0	0.8	▲ 6.2
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>3	0.4	0.5	0.3
Nitration	Abs/cm	ASTM D7624*	>20	8.6	9.2	9.0
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.5	20.9	20.6
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)	>158	2	2	3
Boron	ppm	ASTM D5185(m)	250	2	3	14
Barium	ppm	ASTM D5185(m)	10	0	<1	1
Molybdenum	ppm	ASTM D5185(m)	100	61	52	63
Manganese	ppm	ASTM D5185(m)		0	0	1
Magnesium	ppm	ASTM D5185(m)	450	1014	819	877
Calcium	ppm	ASTM D5185(m)	3000	1114	963	1293
Phosphorus	ppm	ASTM D5185(m)	1150	1024	793	1042
Zinc	ppm	ASTM D5185(m)	1350	1210	1023	1200
Sulfur	ppm	ASTM D5185(m)	4250	2643	1960	2431
Oxidation	Abs/.1mm	ASTM D7414*	>25	16.2	16.8	16.8
Visc @ 100°C	cSt	ASTM D7279(m)	14.4	14.3	14.3	▲ 11.4



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0892409
Lab Number : 02609242
Unique Number : 5710328
Test Package : MOB 1

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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.