



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
KUBOTA 1140 RTV MCP733
 Component
Diesel Engine
 Fluid
MOBIL 15W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0931360	WC0650152	WC0695841
Sample Date		Client Info		06 May 2024	29 Mar 2023	25 Jul 2022
Machine Age	hrs	Client Info		3280	2543	1940
Oil Age	hrs	Client Info		0	0	250
Filter Age	hrs	Client Info		0	0	250
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>100	27	43	90
Chromium	ppm	ASTM D5185(m)	>20	<1	1	3
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titanium	ppm	ASTM D5185(m)		0	<1	<1
Silver	ppm	ASTM D5185(m)	>3	0	0	0
Aluminum	ppm	ASTM D5185(m)	>20	10	9	▲ 27
Lead	ppm	ASTM D5185(m)	>40	0	<1	2
Copper	ppm	ASTM D5185(m)	>330	1	3	47
Tin	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

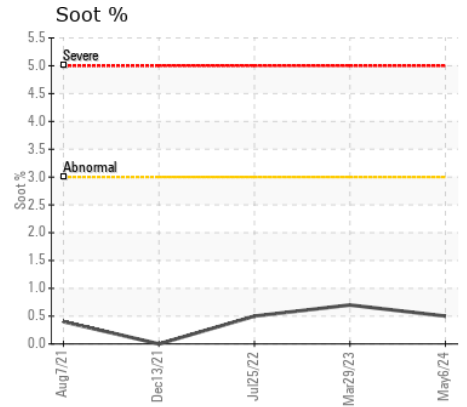
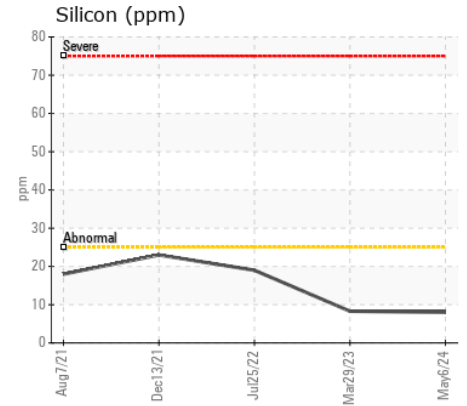
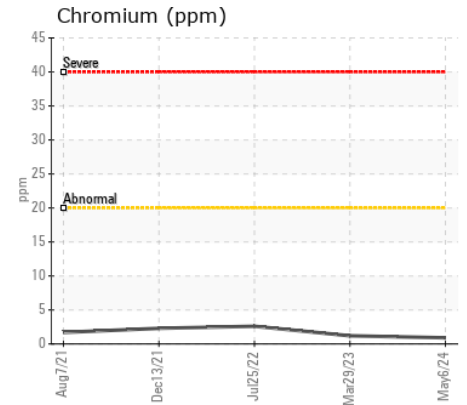
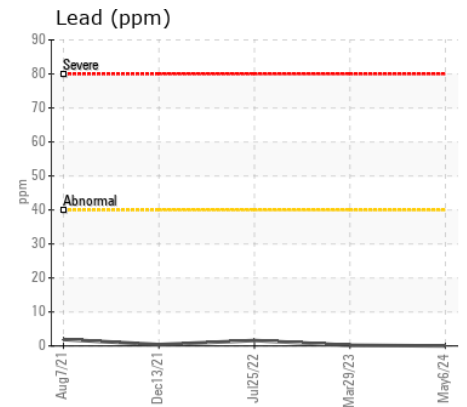
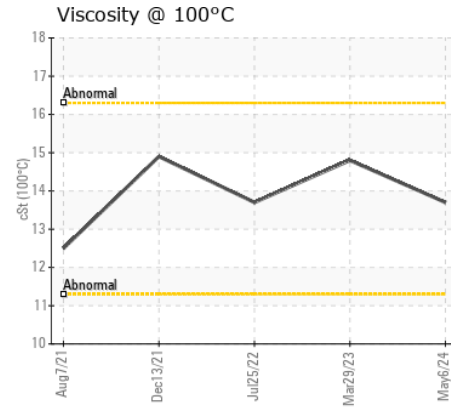
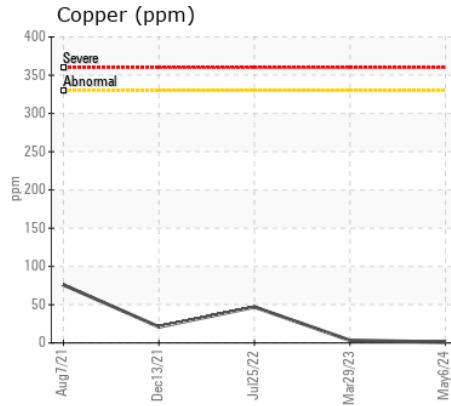
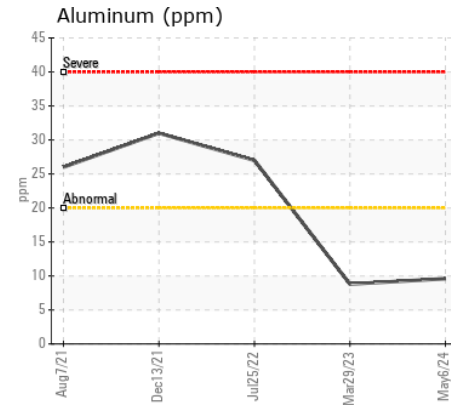
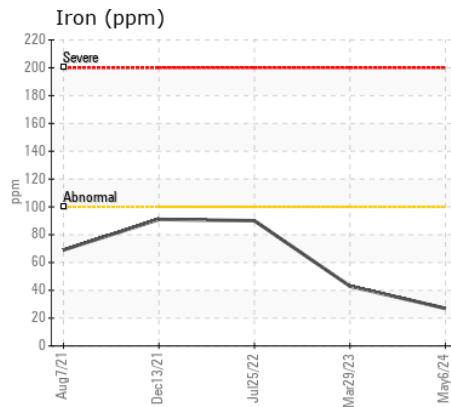
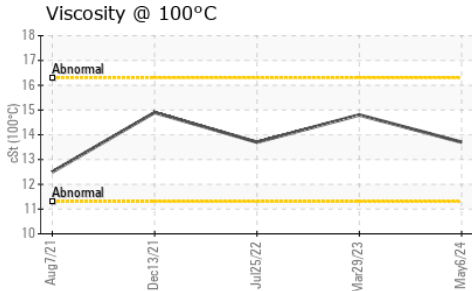
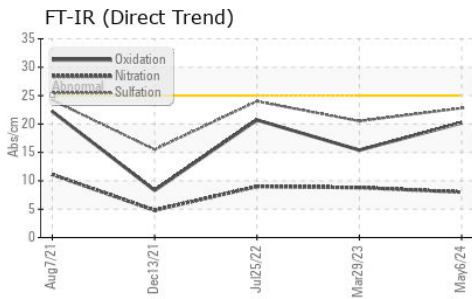
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	8	8	19
Potassium	ppm	ASTM D5185(m)	>20	<1	2	2
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>3	0.5	0.7	0.5
Nitration	Abs/cm	ASTM D7624*	>20	8.0	8.8	9.0
Sulfation	Abs/.1mm	ASTM D7415*	>30	22.8	20.5	24.0
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)	>118	3	4	6
Boron	ppm	ASTM D5185(m)		51	6	4
Barium	ppm	ASTM D5185(m)		0	0	4
Molybdenum	ppm	ASTM D5185(m)		38	63	64
Manganese	ppm	ASTM D5185(m)		<1	<1	3
Magnesium	ppm	ASTM D5185(m)		492	979	893
Calcium	ppm	ASTM D5185(m)		1711	1139	1422
Phosphorus	ppm	ASTM D5185(m)		736	1057	985
Zinc	ppm	ASTM D5185(m)		886	1197	1238
Sulfur	ppm	ASTM D5185(m)		2068	2554	2515
Oxidation	Abs/.1mm	ASTM D7414*	>25	20.2	15.4	20.7
Visc @ 100°C	cSt	ASTM D7279(m)		13.7	14.8	13.7



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0931360
Lab Number : 02634457
Unique Number : 5775610
Test Package : MOB 1
Received : 10 May 2024
Tested : 10 May 2024
Diagnosed : 10 May 2024 - Wes Davis

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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.