



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

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Machine Id

KUBOTA RTVX1140 MCP734

Component

Diesel Engine

Fluid

PETRO CANADA DURON HP 15W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0933383	WC0902302	WC0861365
Sample Date		Client Info		04 May 2024	02 Feb 2024	11 Dec 2023
Machine Age	hrs	Client Info		2891	2664	2396
Oil Age	hrs	Client Info		250	250	0
Filter Age	hrs	Client Info		250	250	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>100	45	35	45
Chromium	ppm	ASTM D5185(m)	>20	<1	1	2
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>3	0	0	0
Aluminum	ppm	ASTM D5185(m)	>20	4	4	5
Lead	ppm	ASTM D5185(m)	>40	0	<1	<1
Copper	ppm	ASTM D5185(m)	>330	2	4	10
Tin	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

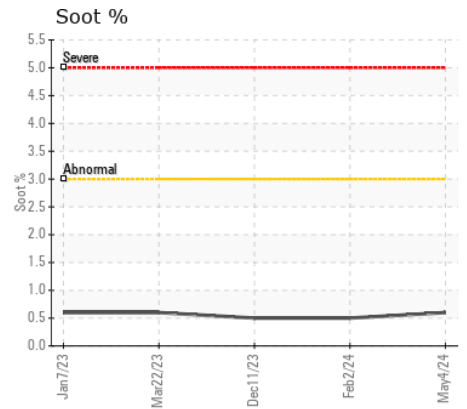
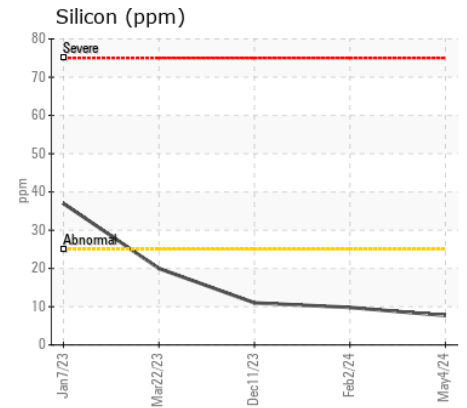
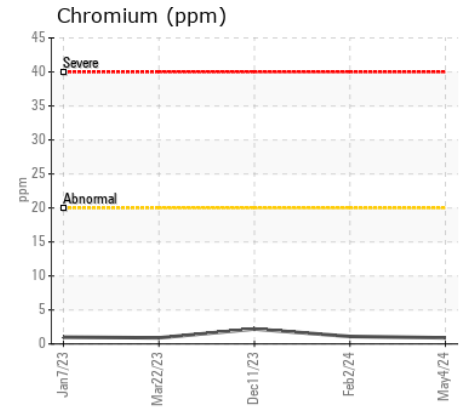
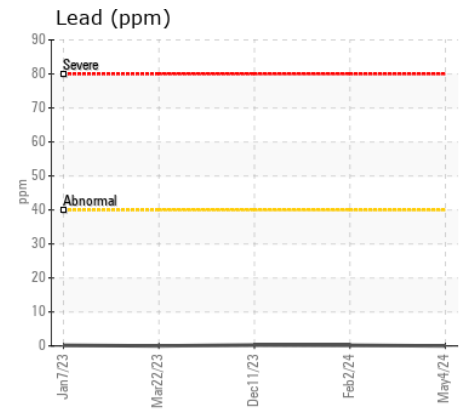
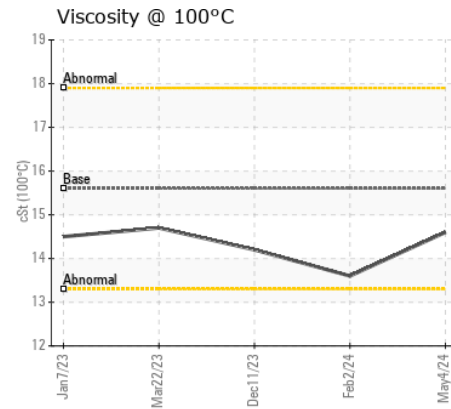
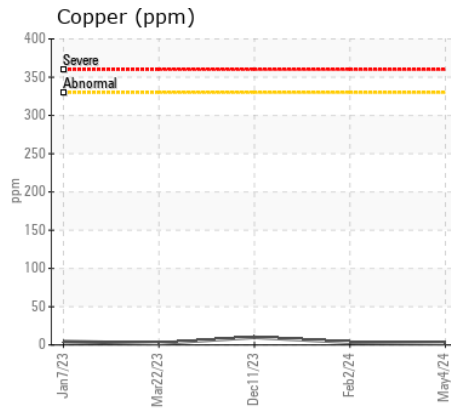
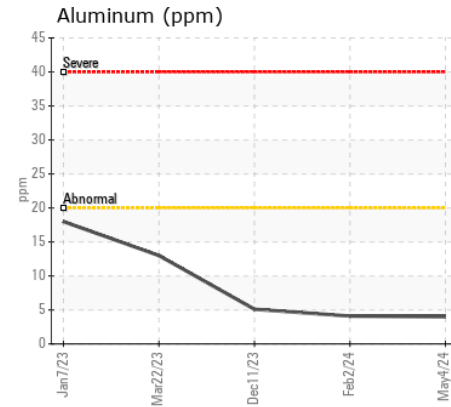
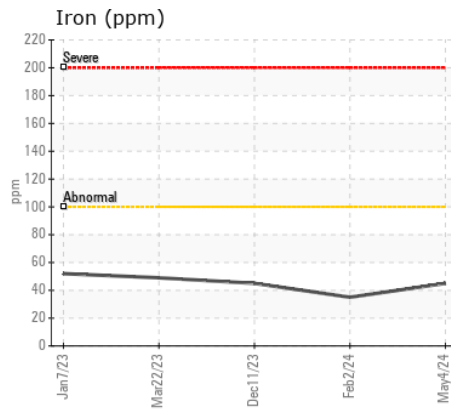
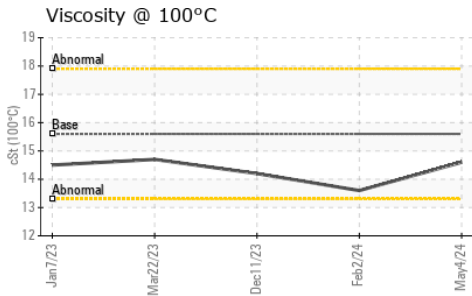
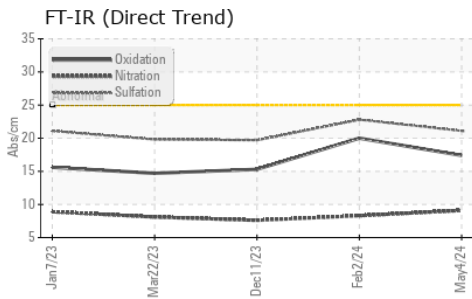
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	8	10	11
Potassium	ppm	ASTM D5185(m)	>20	<1	2	1
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	0.6	0.5	0.5
Nitration	Abs/cm	ASTM D7624*	>20	9.1	8.3	7.6
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.1	22.8	19.7
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)		5	11	36
Boron	ppm	ASTM D5185(m)	0	13	35	13
Barium	ppm	ASTM D5185(m)	0	<1	0	<1
Molybdenum	ppm	ASTM D5185(m)	60	56	47	68
Manganese	ppm	ASTM D5185(m)	0	<1	<1	<1
Magnesium	ppm	ASTM D5185(m)	1010	853	609	932
Calcium	ppm	ASTM D5185(m)	1070	1318	1604	1115
Phosphorus	ppm	ASTM D5185(m)	1150	890	794	958
Zinc	ppm	ASTM D5185(m)	1270	1121	936	1151
Sulfur	ppm	ASTM D5185(m)	2060	2318	2240	2416
Oxidation	Abs/.1mm	ASTM D7414*	>25	17.4	20.0	15.3
Visc @ 100°C	cSt	ASTM D7279(m)	15.6	14.6	13.6	14.2



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0933383
Lab Number : 02634462
Unique Number : 5775615
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.