MOB I

WEAR CHECK

OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[23847]
Machine Id
21-126
Component
Transmission (Auto)
Fluid
CASTROL TRANSYND (--- GAL)

RECOMMENDATION

We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition.

WEAR

Tin ppm levels are abnormal. Bearing wear is indicated.

CONTAMINATION

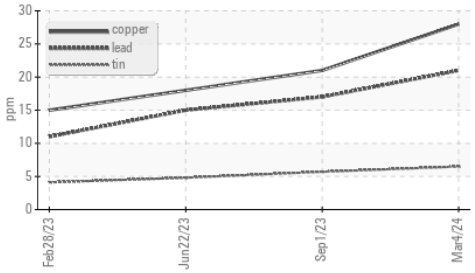
There is no indication of any contamination in the fluid.

FLUID CONDITION

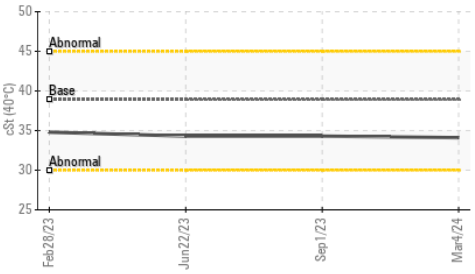
The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**WC0842841**	WC0842890	WC0818033
Sample Date		Client Info		**04 Mar 2024**	01 Sep 2023	22 Jun 2023
Machine Age	kms	Client Info		**61571**	43765	2079
Oil Age	kms	Client Info		**0**	0	0
Filter Age	kms	Client Info		**0**	0	0
Oil Changed		Client Info		**Not Changd**	Not Changd	Not Changd
Filter Changed		Client Info		**Not Changd**	Not Changd	Changed
Sample Status				**ABNORMAL**	ABNORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>230	**87**	72	65
Chromium	ppm	ASTM D5185(m)	>2	**<1**	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	**<1**	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	**0**	0	0
Silver	ppm	ASTM D5185(m)	>5	**0**	0	0
Aluminum	ppm	ASTM D5185(m)	>65	**44**	34	30
Lead	ppm	ASTM D5185(m)	>55	**21**	17	15
Copper	ppm	ASTM D5185(m)	>85	**28**	21	18
Tin	ppm	ASTM D5185(m)	>5	▲ **6**	▲ 6	5
Vanadium	ppm	ASTM D5185(m)		**0**	0	0
White Metal	scalar	Visual*	NONE	**NONE**	VLITE	VLITE
Yellow Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>20	**6**	5	5
Potassium	ppm	ASTM D5185(m)	>20	**5**	3	4
Water		WC Method	>0.1	**NEG**	NEG	NEG
Silt	scalar	Visual*	NONE	**NONE**	NONE	NONE
Debris	scalar	Visual*	NONE	**NONE**	VLITE	VLITE
Sand/Dirt	scalar	Visual*	NONE	**VLITE**	NONE	NONE
Appearance	scalar	Visual*	NORML	**NORML**	NORML	NORML
Odor	scalar	Visual*	NORML	**NORML**	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	**NEG**	NEG	NEG
Sodium	ppm	ASTM D5185(m)		**7**	5	4
Boron	ppm	ASTM D5185(m)	150	**86**	87	89
Barium	ppm	ASTM D5185(m)	0	**<1**	<1	<1
Molybdenum	ppm	ASTM D5185(m)	0	**<1**	1	1
Manganese	ppm	ASTM D5185(m)		**1**	2	2
Magnesium	ppm	ASTM D5185(m)	0	**1**	1	3
Calcium	ppm	ASTM D5185(m)	40	**67**	67	66
Phosphorus	ppm	ASTM D5185(m)	320	**254**	263	270
Zinc	ppm	ASTM D5185(m)	5	**9**	10	11
Sulfur	ppm	ASTM D5185(m)	1050	**1020**	970	977
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	**34.1**	34.3	34.3

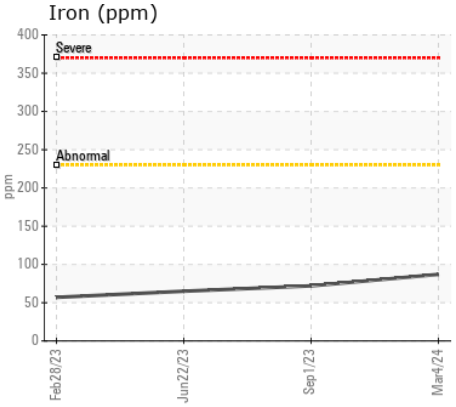
Non-ferrous Metals



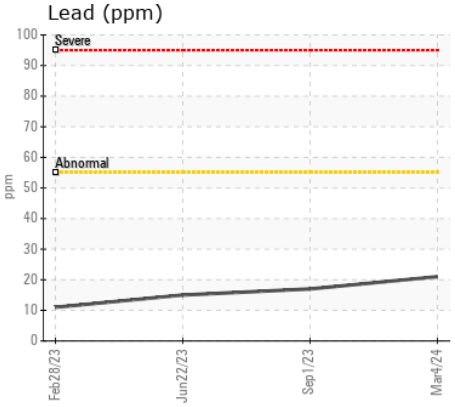
Viscosity @ 40°C



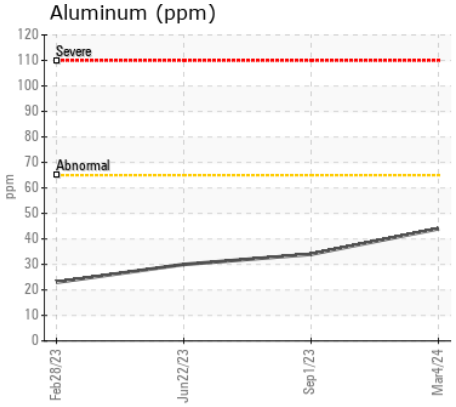
Iron (ppm)



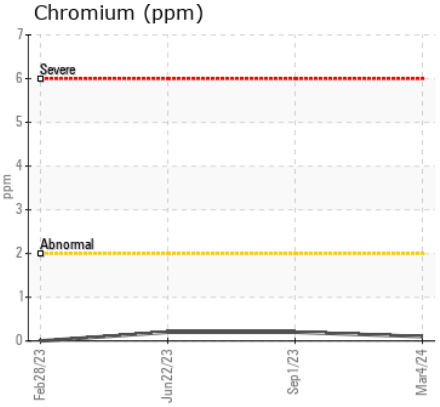
Lead (ppm)



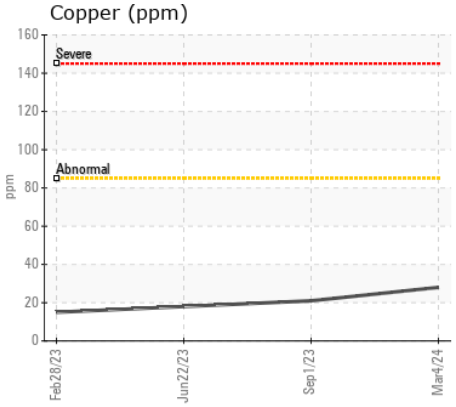
Aluminum (ppm)



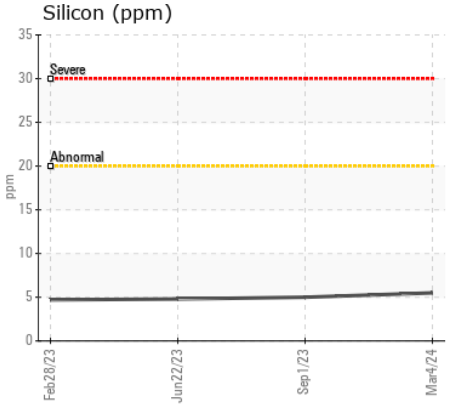
Chromium (ppm)



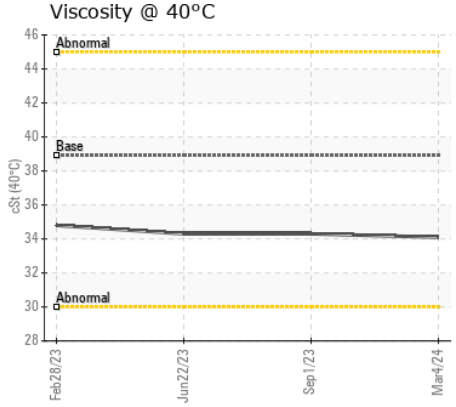
Copper (ppm)



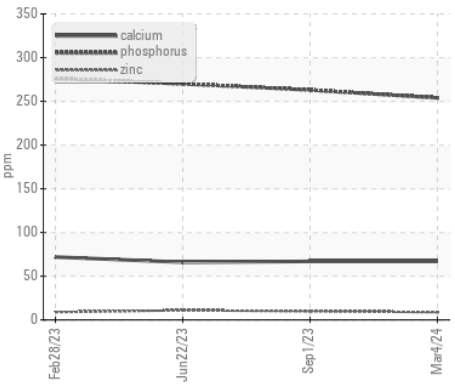
Silicon (ppm)



Viscosity @ 40°C



Additives



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0842841
Lab Number : 02620244
Unique Number : 5737354
Test Package : MOB 1

Received : 06 Mar 2024
Tested : 06 Mar 2024
Diagnosed : 06 Mar 2024 - Kevin Marson

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.

OX FLEET CARE
466 HIGHWAY 52
DUNDAS, ON
CA L9H 5E2
Contact: Robert Hughes
robert.hughes@ox-equipment.com
T: (289)683-6037
F: