MOB I

WAJAX POWER SYSTEMS SYSTÈMES DE PUISSANCE

OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
661054642
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

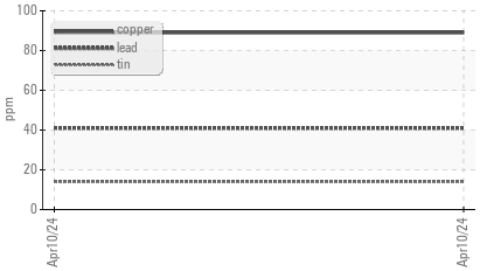
There is no indication of any contamination in the fluid.

FLUID CONDITION

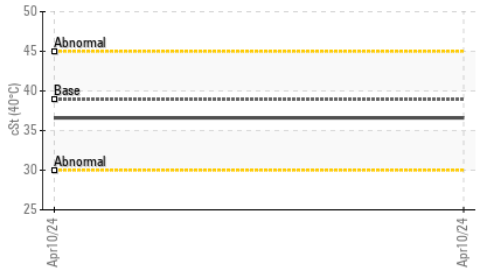
The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WA0021181	---	---
Sample Date		Client Info		10 Apr 2024	---	---
Machine Age	hrs	Client Info		9797	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185(m)	>300	171	---	---
Chromium	ppm	ASTM D5185(m)	>2	<1	---	---
Nickel	ppm	ASTM D5185(m)	>4	1	---	---
Titanium	ppm	ASTM D5185(m)	>3	0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>70	64	---	---
Lead	ppm	ASTM D5185(m)	>85	41	---	---
Copper	ppm	ASTM D5185(m)	>90	89	---	---
Tin	ppm	ASTM D5185(m)	>10	▲ 14	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>20	6	---	---
Potassium	ppm	ASTM D5185(m)	>20	7	---	---
Water		WC Method	>0.1	NEG	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	VLITE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---
Sodium	ppm	ASTM D5185(m)		8	---	---
Boron	ppm	ASTM D5185(m)	150	89	---	---
Barium	ppm	ASTM D5185(m)	0	<1	---	---
Molybdenum	ppm	ASTM D5185(m)	0	0	---	---
Manganese	ppm	ASTM D5185(m)		2	---	---
Magnesium	ppm	ASTM D5185(m)	0	<1	---	---
Calcium	ppm	ASTM D5185(m)	40	45	---	---
Phosphorus	ppm	ASTM D5185(m)	320	260	---	---
Zinc	ppm	ASTM D5185(m)	5	9	---	---
Sulfur	ppm	ASTM D5185(m)	1050	572	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	36.6	---	---

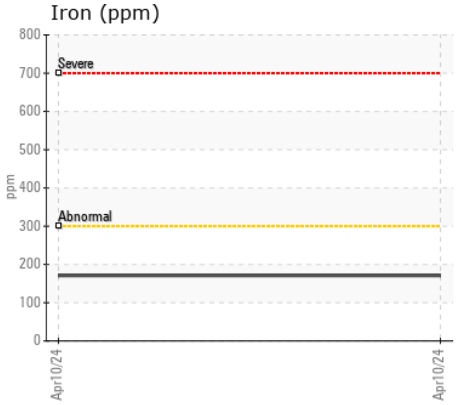
Non-ferrous Metals



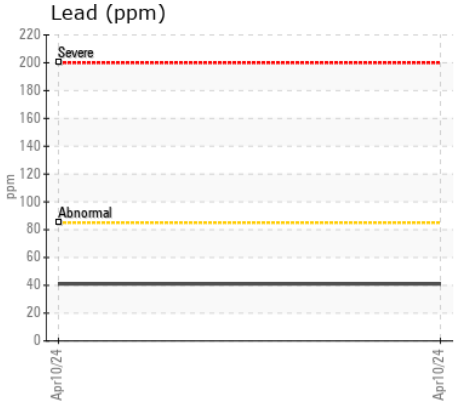
Viscosity @ 40°C



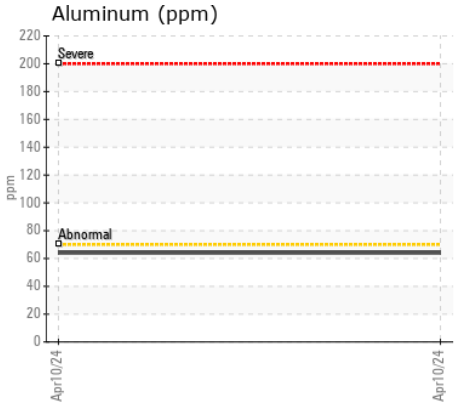
Iron (ppm)



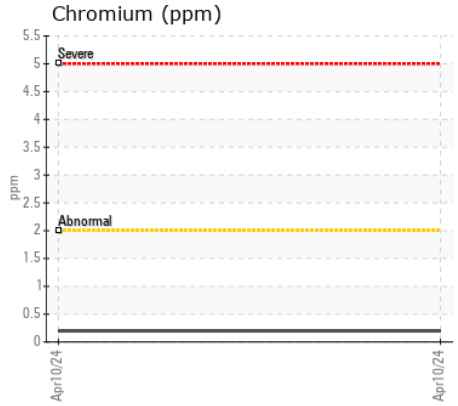
Lead (ppm)



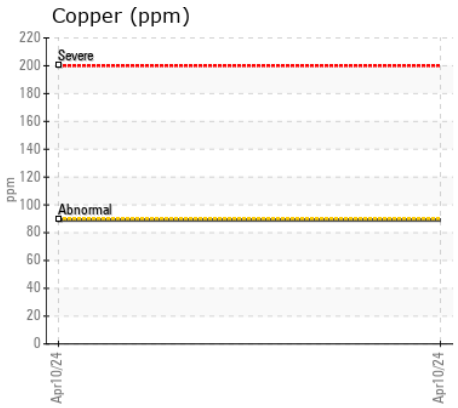
Aluminum (ppm)



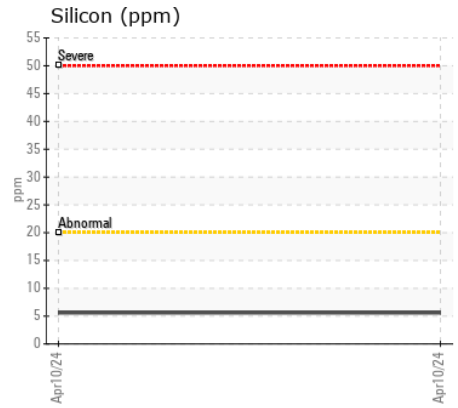
Chromium (ppm)



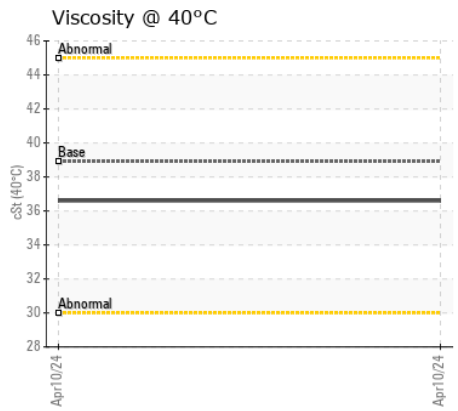
Copper (ppm)



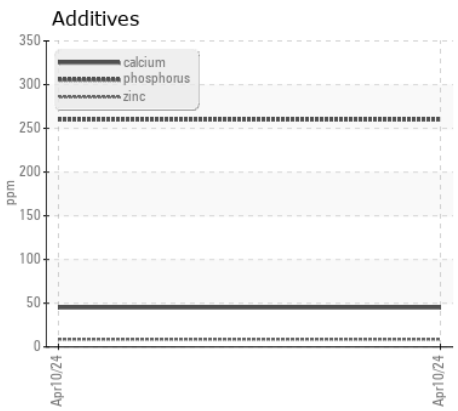
Silicon (ppm)



Viscosity @ 40°C



Additives



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021181
Lab Number : 02628246
Unique Number : 5761378
Test Package : MOB 1

Received : 11 Apr 2024
Tested : 11 Apr 2024
Diagnosed : 11 Apr 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.

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