



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
314
 Component
Hydraulic System
 Fluid
AW HYDRAULIC OIL ISO 10 (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend you service the filters on this component. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

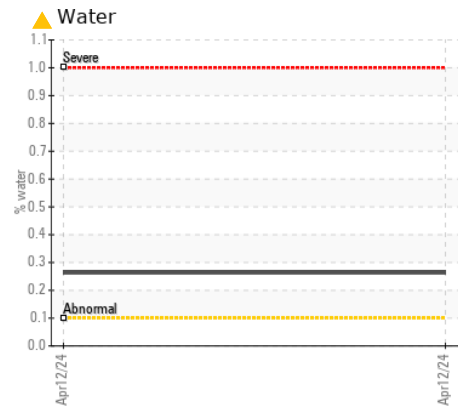
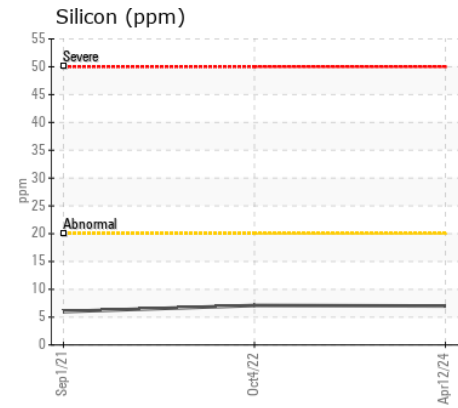
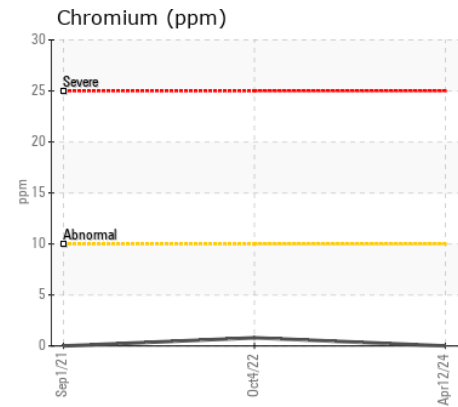
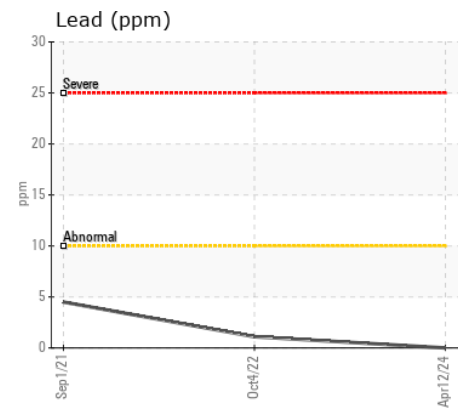
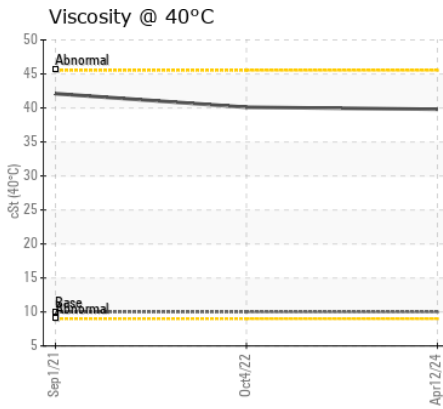
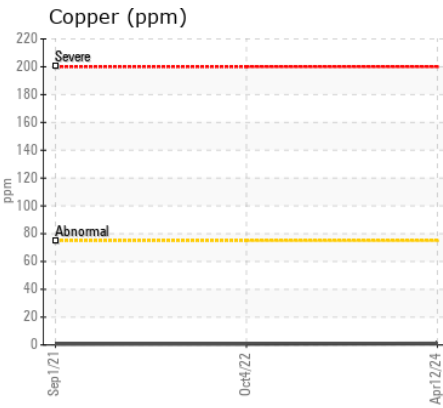
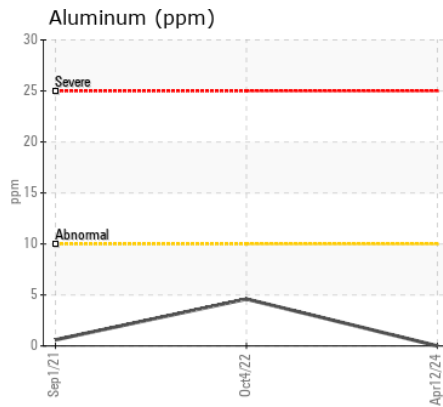
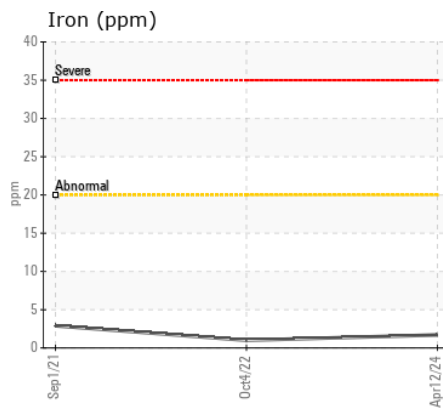
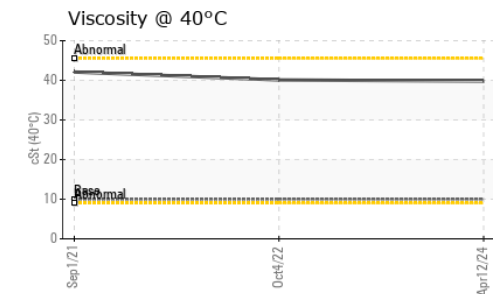
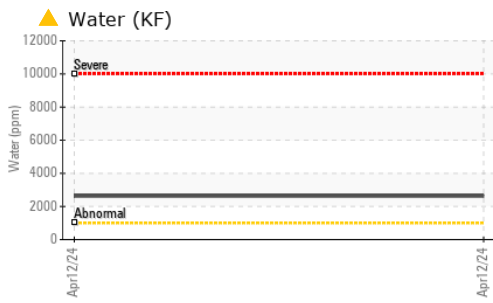
CONTAMINATION

Appearance is hazy. There is a light concentration of water present in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		DC0036175	DC0024354	DC0013944
Sample Date		Client Info		12 Apr 2024	04 Oct 2022	01 Sep 2021
Machine Age	mls	Client Info		198594	160953	116026
Oil Age	mls	Client Info		30000	0	0
Filter Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Changed
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				ABNORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>20	2	1	3
Chromium	ppm	ASTM D5185m	>10	0	<1	0
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>10	0	5	<1
Lead	ppm	ASTM D5185m	>10	0	1	4
Copper	ppm	ASTM D5185m	>75	1	<1	<1
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	7	7	6
Potassium	ppm	ASTM D5185m	>20	0	8	8
Water	%	ASTM D6304	>0.1	▲ 0.263	---	---
ppm Water	ppm	ASTM D6304	>1000	▲ 2630	---	---
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	● HAZY	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	0.2%	NEG	NEG
Sodium	ppm	ASTM D5185m		2	10	2
Boron	ppm	ASTM D5185m	5	2	1	9
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m	5	2	3	<1
Manganese	ppm	ASTM D5185m		0	1	<1
Magnesium	ppm	ASTM D5185m	25	25	25	35
Calcium	ppm	ASTM D5185m	200	1945	1391	2464
Phosphorus	ppm	ASTM D5185m	300	723	521	921
Zinc	ppm	ASTM D5185m	370	789	671	1044
Sulfur	ppm	ASTM D5185m	2500	6435	5310	6107
Visc @ 40°C	cSt	ASTM D445	10	39.8	40.1	42.1



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : DC0036175 **Received** : 23 Apr 2024
Lab Number : 06158625 **Tested** : 25 Apr 2024
Unique Number : 10994048 **Diagnosed** : 25 Apr 2024 - Jonathan Hester
Test Package : MOB 1 (Additional Tests: KF)

FRANCIS O DAY
 14900 SOUTHLAWN LN
 ROCKVILLE, MD
 US 20850
 Contact: JAMIE FORESTER

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:
F: