



PROBLEM SUMMARY

Sample Rating Trend



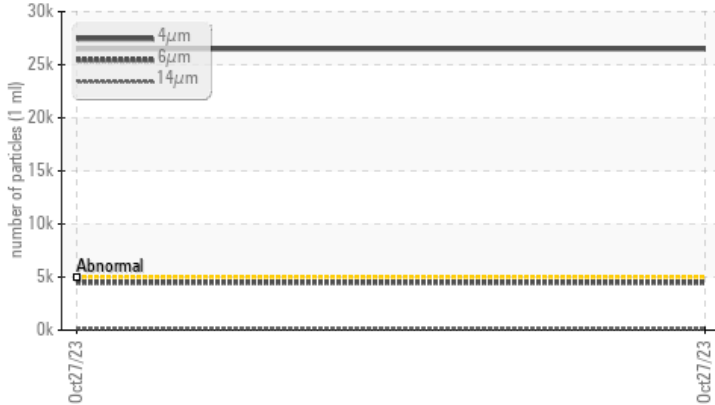
ISO



Machine Id
HAITIAN MOLDER 2 (S/N 202115036025934)
Component
Hydraulic System
Fluid
AW HYDRAULIC OIL ISO 46 (35 GAL)

COMPONENT CONDITION SUMMARY

▲ Particle Trend



RECOMMENDATION

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.

PROBLEMATIC TEST RESULTS

Sample Status			ABNORMAL	---	---
Particles >4µm	ASTM D7647	>5000	▲ 26486	---	---
Particles >6µm	ASTM D7647	>1300	▲ 4487	---	---
Particles >14µm	ASTM D7647	>160	▲ 167	---	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	▲ 22/19/15	---	---

Customer Id: ACTHIC
Sample No.: WC0848541
Lab Number: 06001009
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
Wes Davis +1 905-569-8600 x223
wesd@wearcheck.ca

To change component or sample information:
Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.
Resample	---	---	?	We recommend an early resample to monitor this condition.
Information Required	---	---	?	Please specify the brand, type, and viscosity of the oil on your next sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



ISO



Machine Id
HAITIAN MOLDER 2 (S/N 202115036025934)

Component
Hydraulic System

Fluid
AW HYDRAULIC OIL ISO 46 (35 GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0848541	---	---
Sample Date	Client Info	27 Oct 2023	---	---
Machine Age	hrs Client Info	1700	---	---
Oil Age	hrs Client Info	1700	---	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >20	0	---	---
Chromium ppm	ASTM D5185m >20	0	---	---
Nickel ppm	ASTM D5185m >20	0	---	---
Titanium ppm	ASTM D5185m	0	---	---
Silver ppm	ASTM D5185m	0	---	---
Aluminum ppm	ASTM D5185m >20	0	---	---
Lead ppm	ASTM D5185m >20	0	---	---
Copper ppm	ASTM D5185m >20	2	---	---
Tin ppm	ASTM D5185m >20	0	---	---
Vanadium ppm	ASTM D5185m	0	---	---
Cadmium ppm	ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m 5	0	---	---
Barium ppm	ASTM D5185m 5	0	---	---
Molybdenum ppm	ASTM D5185m 5	0	---	---
Manganese ppm	ASTM D5185m	0	---	---
Magnesium ppm	ASTM D5185m 25	<1	---	---
Calcium ppm	ASTM D5185m 200	40	---	---
Phosphorus ppm	ASTM D5185m 300	398	---	---
Zinc ppm	ASTM D5185m 370	518	---	---
Sulfur ppm	ASTM D5185m 2500	1042	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >15	6	---	---
Sodium ppm	ASTM D5185m	1	---	---
Potassium ppm	ASTM D5185m >20	0	---	---

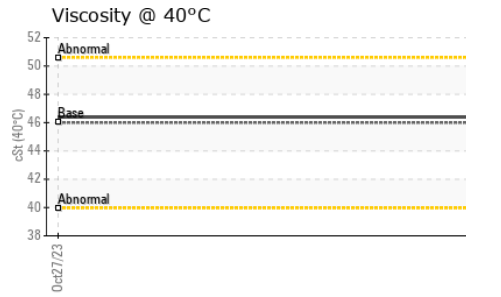
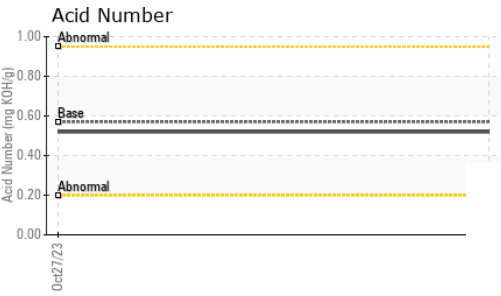
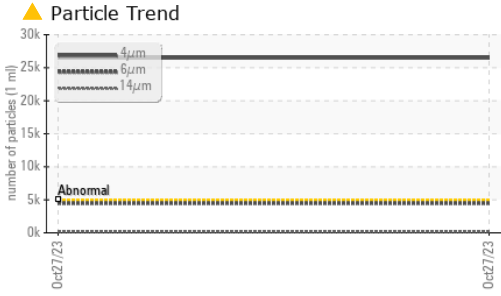
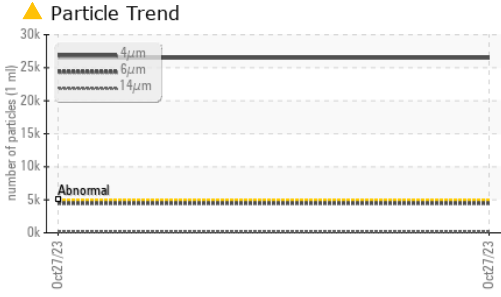
FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >5000	▲ 26486	---	---
Particles >6µm	ASTM D7647 >1300	▲ 4487	---	---
Particles >14µm	ASTM D7647 >160	▲ 167	---	---
Particles >21µm	ASTM D7647 >40	29	---	---
Particles >38µm	ASTM D7647 >10	1	---	---
Particles >71µm	ASTM D7647 >3	0	---	---
Oil Cleanliness	ISO 4406 (c) >19/17/14	▲ 22/19/15	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g	ASTM D8045 0.57	0.52	---	---

OIL ANALYSIS REPORT



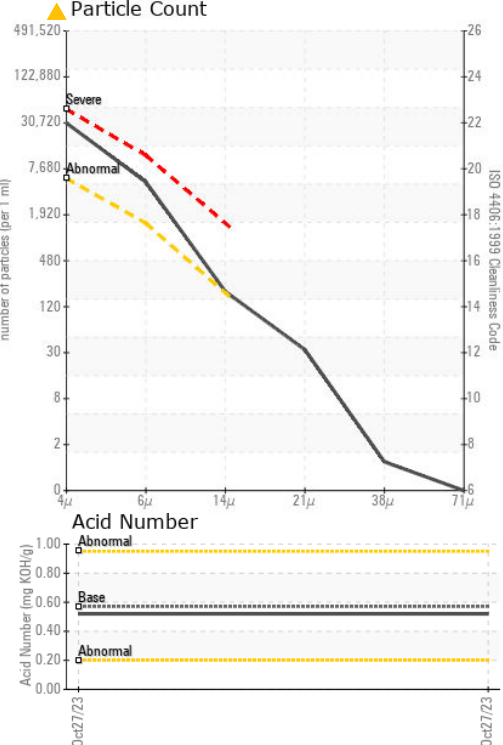
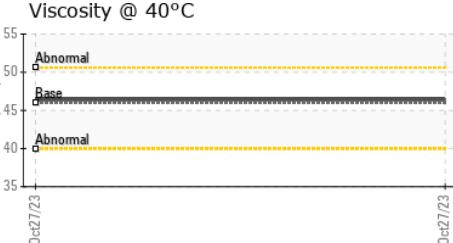
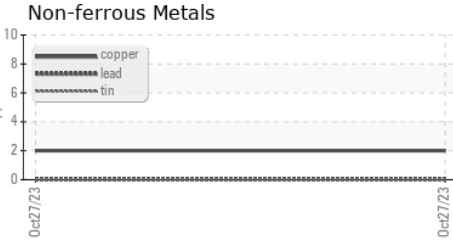
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.05	NEG	---	---
Free Water	scalar	*Visual		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	46	46.4	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color		no image	no image
Bottom		no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0848541 **Received** : 07 Nov 2023
Lab Number : 06001009 **Diagnosed** : 08 Nov 2023
Unique Number : 10729369 **Diagnostician** : Wes Davis
Test Package : IND 2

ACTION INDUSTRIAL SUPPLY - HICKORY
 545 20TH STREET SE
 HICKORY, NC
 US 28602
 Contact: Service Manager

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: