



OIL ANALYSIS REPORT

Sample Rating Trend

VISUAL METAL



Machine Id
ZHEN09256

Component
Transmission (Auto)

Fluid
NEW HOLLAND-AMBRA MASTERTRAN (--- LTR)

DIAGNOSIS

▲ Recommendation

We advise that you check for visible metal particles in the fluid. We recommend that you drain the fluid from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Please specify the component make and model with your next sample.

▲ Wear

Light concentration of visible metal present. Gear wear is indicated.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

Additive levels indicate the addition of a different brand, or type of fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0686208	---	---
Sample Date	Client Info	09 Aug 2023	---	---
Machine Age	hrs	Client Info	2691	---
Oil Age	hrs	Client Info	41	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2		
Iron	ppm	ASTM D5185(m)	>160	23	---	---
Chromium	ppm	ASTM D5185(m)	>5	<1	---	---
Nickel	ppm	ASTM D5185(m)	>5	0	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>50	2	---	---
Lead	ppm	ASTM D5185(m)	>50	2	---	---
Copper	ppm	ASTM D5185(m)	>225	13	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Antimony	ppm	ASTM D5185(m)		0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Beryllium	ppm	ASTM D5185(m)		0	---	---
Cadmium	ppm	ASTM D5185(m)		0	---	---

ADDITIVES

method	limit/base	current	history1	history2		
Boron	ppm	ASTM D5185(m)	0	130	---	---
Barium	ppm	ASTM D5185(m)	0	<1	---	---
Molybdenum	ppm	ASTM D5185(m)	0	<1	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)	0	19	---	---
Calcium	ppm	ASTM D5185(m)	3350	3444	---	---
Phosphorus	ppm	ASTM D5185(m)	500	966	---	---
Zinc	ppm	ASTM D5185(m)	5	294	---	---
Sulfur	ppm	ASTM D5185(m)	4900	3140	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---

CONTAMINANTS

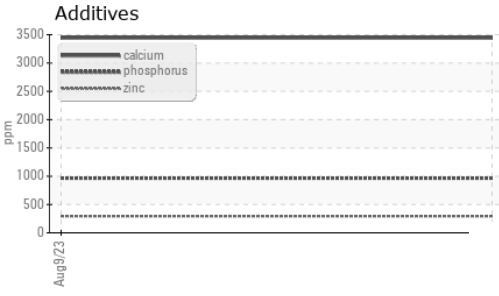
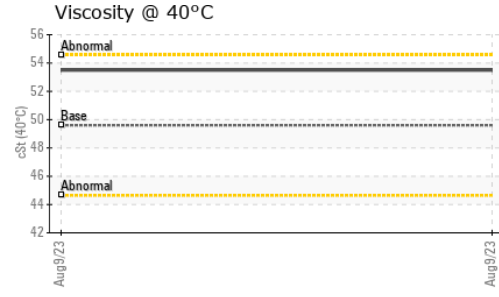
method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185(m)	>20	7	---	---
Sodium	ppm	ASTM D5185(m)		2	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---

VISUAL

method	limit/base	current	history1	history2		
White Metal	scalar	Visual*	NONE	▲ LIGHT	---	---
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*	>0.1	NEG	---	---
Free Water	scalar	Visual*		NEG	---	---



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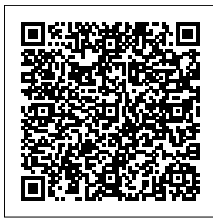
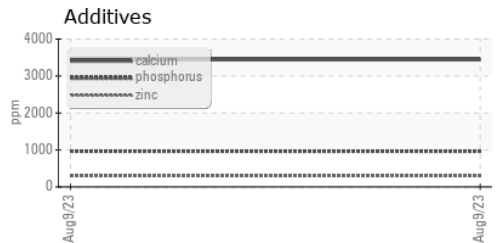
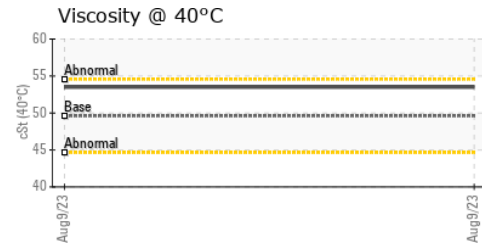
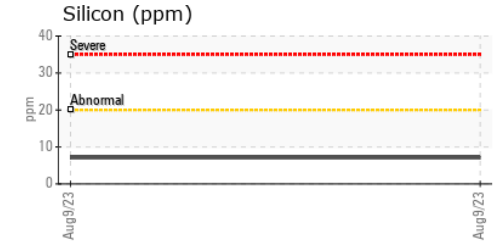
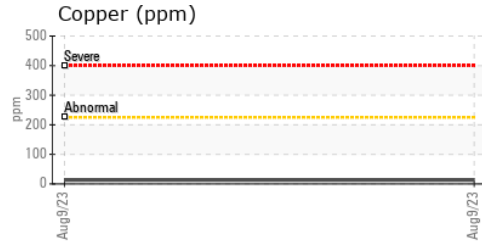
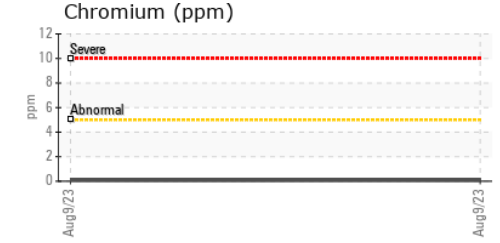
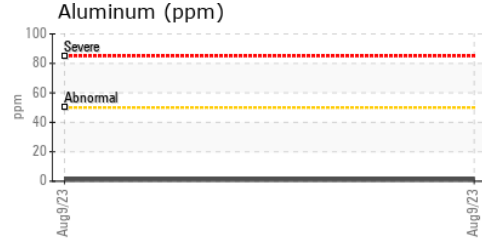
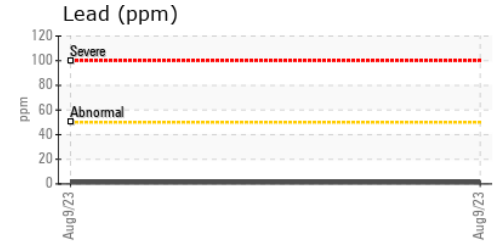
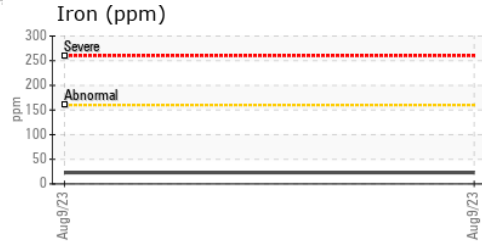


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	49.6	53.5	---	---

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0686208 **Received** : 11 Aug 2023
Lab Number : **02575420** **Diagnosed** : 14 Aug 2023
Unique Number : 5620471 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: BottomAnalysis, FILTERPATCH)

ROBERTS FARM EQUIPMENT
 014945 COUNTY RD 10, R.R. #1
 CHESLEY, ON
 CA N0G 1L0
 Contact: Chad Roney
 chad@robertsfarm.com
 T: (519)363-3192
 F: (519)363-2673

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.