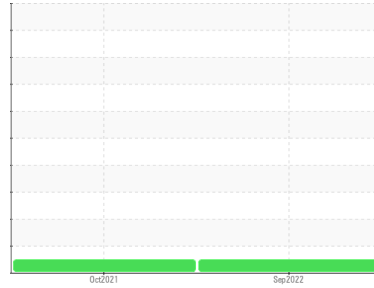




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
CASE 2388

Component
Diesel Engine

Fluid
NEW HOLLAND AMBRA MASTERGOLD HSP15W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION		method	limit/base	current	history 1	history 2
Sample Number	Client Info			WC0808244	WC0808242	---
Sample Date	Client Info			26 Sep 2022	18 Oct 2021	---
Machine Age	hrs	Client Info		3869	3614	---
Oil Age	hrs	Client Info		255	235	---
Oil Changed	Client Info			Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

CONTAMINATION		method	limit/base	current	history 1	history 2
Fuel	WC Method		>5	<1.0	<1.0	---
Glycol	WC Method			NEG	NEG	---

WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185(m)	>90	31	22	---
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	---
Titanium	ppm	ASTM D5185(m)	>2	<1	<1	---
Silver	ppm	ASTM D5185(m)	>2	0	0	---
Aluminum	ppm	ASTM D5185(m)	>20	2	2	---
Lead	ppm	ASTM D5185(m)	>40	11	7	---
Copper	ppm	ASTM D5185(m)	>330	2	2	---
Tin	ppm	ASTM D5185(m)	>15	<1	<1	---
Antimony	ppm	ASTM D5185(m)		2	20	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Beryllium	ppm	ASTM D5185(m)		0	0	---
Cadmium	ppm	ASTM D5185(m)		0	0	---

ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185(m)		118	316	---
Barium	ppm	ASTM D5185(m)		0	0	---
Molybdenum	ppm	ASTM D5185(m)		58	88	---
Manganese	ppm	ASTM D5185(m)		<1	<1	---
Magnesium	ppm	ASTM D5185(m)		384	499	---
Calcium	ppm	ASTM D5185(m)		2298	1916	---
Phosphorus	ppm	ASTM D5185(m)		1237	1220	---
Zinc	ppm	ASTM D5185(m)	1700	1447	1407	---
Sulfur	ppm	ASTM D5185(m)		3069	3061	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

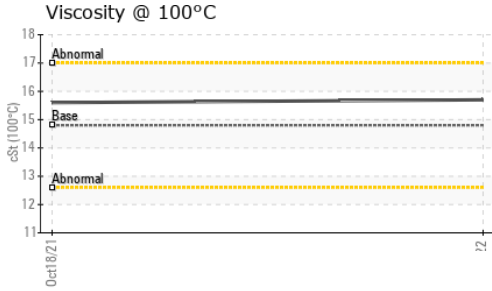
CONTAMINANTS		method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185(m)	>25	6	6	---
Sodium	ppm	ASTM D5185(m)		4	4	---
Potassium	ppm	ASTM D5185(m)	>20	2	0	---

INFRA-RED		method	limit/base	current	history 1	history 2
Soot %	%	ASTM D7844*	>6	0.7	0.6	---
Nitration	Abs/cm	ASTM D7624*	>20	10.9	10.7	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	26.4	26.3	---

FLUID DEGRADATION		method	limit/base	current	history 1	history 2
Oxidation	Abs/.1mm	ASTM D7414*	>25	23.8	22.5	---



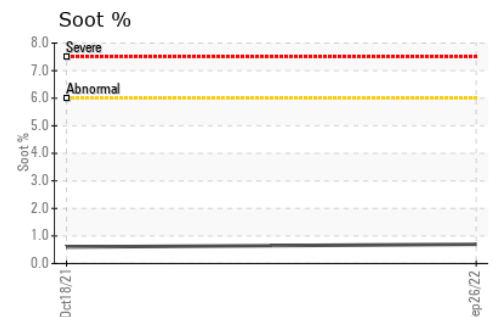
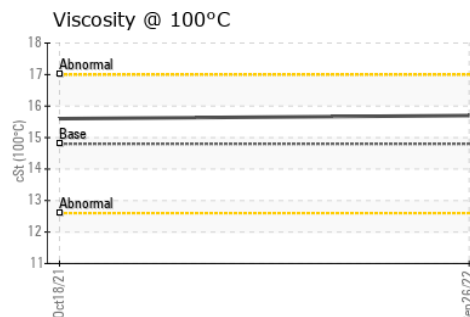
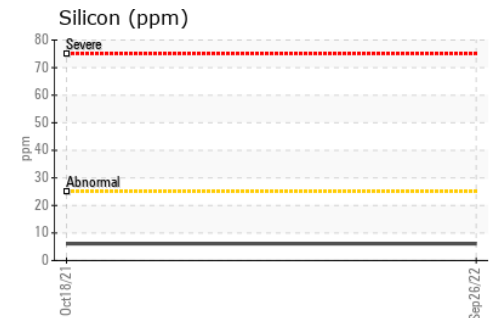
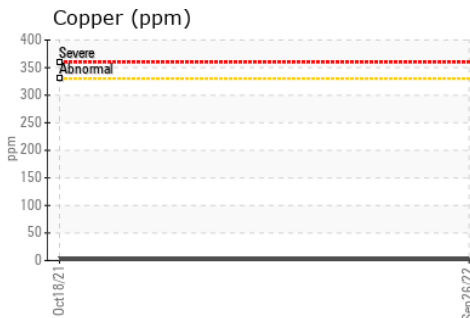
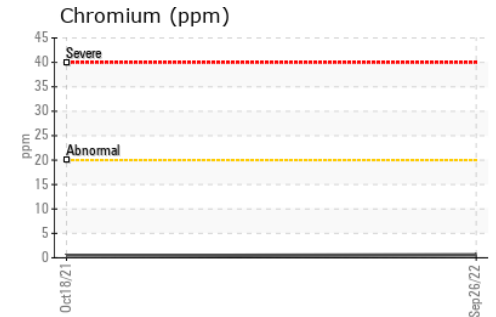
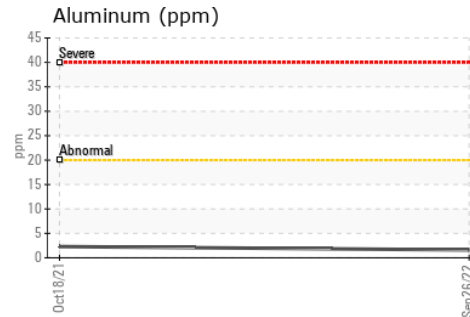
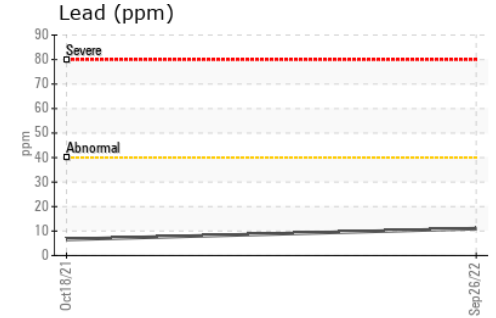
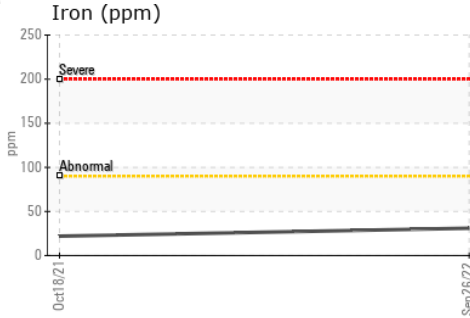
OIL ANALYSIS REPORT



VISUAL	method	limit/base	current	history 1	history 2
Emulsified Water	scalar	Visual*	>0.2	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history 1	history 2
Visc @ 100°C	cSt	ASTM D7279(m)	14.8	15.6	---

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0808244 **Received** : 27 Apr 2023
Lab Number : 02553833 **Diagnosed** : 27 Apr 2023
Unique Number : 5566848 **Diagnostician** : Wes Davis
Test Package : MOB 1

3RD MERIDIAN FARM
 BOX 327
 ASSINIBOIA, SK
 CA S0H 0B0
 Contact: Monty Heatcote

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.

T:
F: