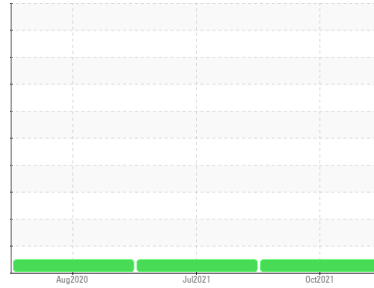




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
CASE COMBINE CASE8120 (S/N YGB211930)
 Component
Diesel Engine
 Fluid
NEW HOLLAND AMBRA MASTERGOLD HSP15W40 (30 LTR)

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			WC0808248	WC0808251	TR02394483
Sample Date	Client Info			19 Oct 2021	29 Jul 2021	09 Aug 2020
Machine Age	hrs	Client Info		2540	2287	1950
Oil Age	hrs	Client Info		253	145	245
Oil Changed	Client Info			Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history 1	history 2
Fuel	WC Method	>5		<1.0	<1.0	1
Glycol	WC Method			NEG	NEG	0.0

WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185(m)	>100	8	7	13
Chromium	ppm	ASTM D5185(m)	>20	0	0	<1
Nickel	ppm	ASTM D5185(m)	>4	0	0	<1
Titanium	ppm	ASTM D5185(m)		<1	<1	<1
Silver	ppm	ASTM D5185(m)	>3	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>20	2	2	3
Lead	ppm	ASTM D5185(m)	>40	1	<1	3
Copper	ppm	ASTM D5185(m)	>330	2	1	5
Tin	ppm	ASTM D5185(m)	>15	<1	<1	<1
Antimony	ppm	ASTM D5185(m)		7	25	4
Vanadium	ppm	ASTM D5185(m)		0	0	<1
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0

ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185(m)		179	410	115
Barium	ppm	ASTM D5185(m)		0	0	<1
Molybdenum	ppm	ASTM D5185(m)		66	83	15
Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Magnesium	ppm	ASTM D5185(m)		400	458	556
Calcium	ppm	ASTM D5185(m)		1821	1648	1841
Phosphorus	ppm	ASTM D5185(m)		1095	1116	1080
Zinc	ppm	ASTM D5185(m)	1700	1193	1222	1296
Sulfur	ppm	ASTM D5185(m)		2844	2939	3439
Lithium	ppm	ASTM D5185(m)		<1	<1	<1

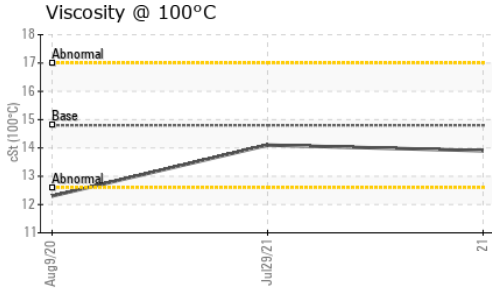
CONTAMINANTS		method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185(m)	>25	3	5	7
Sodium	ppm	ASTM D5185(m)		1	2	5
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	6

INFRA-RED		method	limit/base	current	history 1	history 2
Soot %	%	ASTM D7844*	>3	0.1	0.1	0.3
Nitration	Abs/cm	ASTM D7624*	>20	8.1	7.2	9.0
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.4	21.2	22.5

FLUID DEGRADATION		method	limit/base	current	history 1	history 2
Oxidation	Abs/.1mm	ASTM D7414*	>25	17.4	15.8	16.6



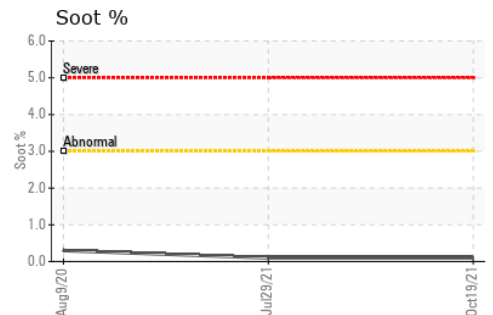
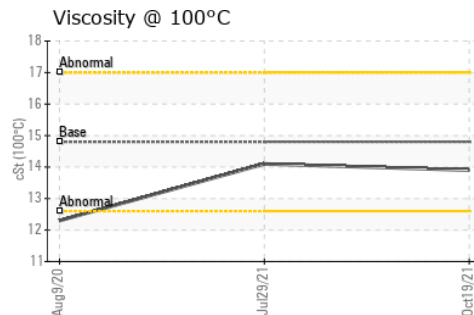
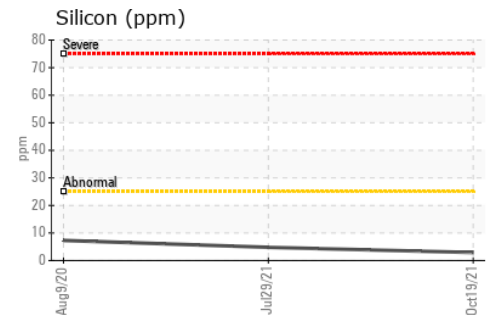
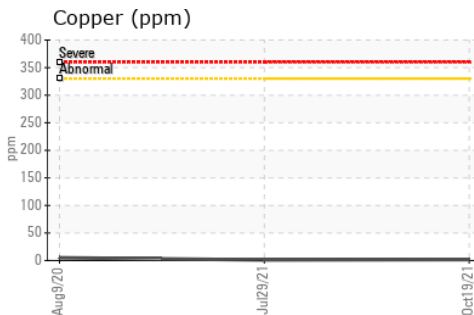
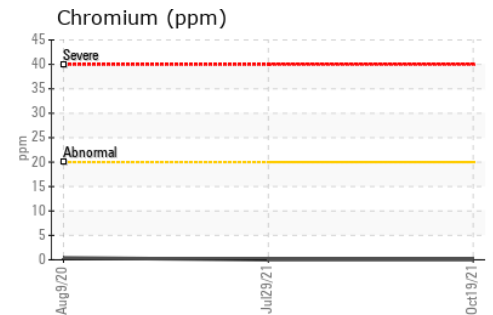
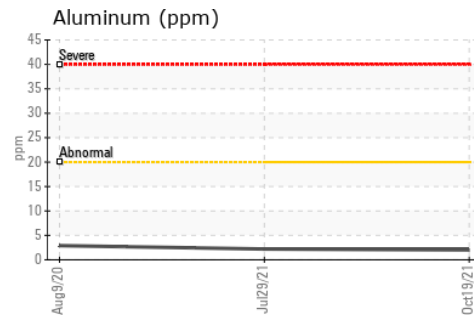
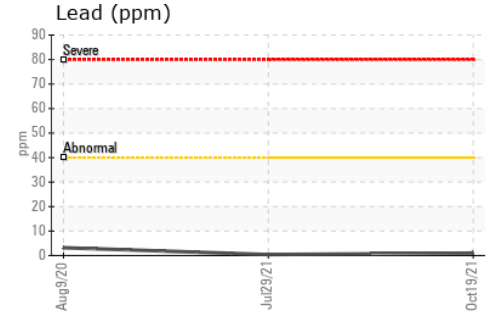
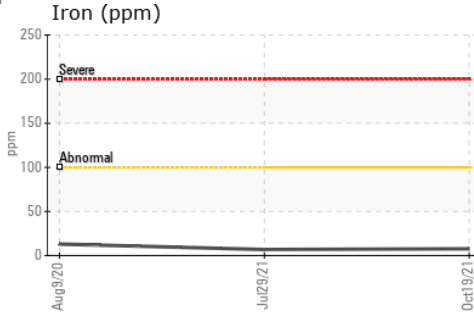
OIL ANALYSIS REPORT



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

FLUID PROPERTIES	method	limit/base	current	history 1	history 2
Visc @ 100°C	cSt	ASTM D7279(m)	14.8	13.9	14.1

GRAPHS



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0808248 **Received** : 27 Apr 2023
Lab Number : 02553835 **Diagnosed** : 27 Apr 2023
Unique Number : 5566850 **Diagnostician** : Wes Davis
Test Package : MOB 1

3RD MERIDIAN FARM

BOX 327
ASSINIBOIA, SK
CA S0H 0B0

Contact: Matthew Heatcoat
3rdmeridianfarms@protonmail.com

T: (306)640-5209

F:

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.