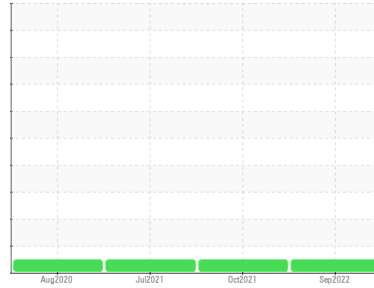




OIL ANALYSIS REPORT

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		WC0808246	WC0808248	WC0808251
Sample Date	Client Info		27 Sep 2022	19 Oct 2021	29 Jul 2021
Machine Age	hrs	Client Info	2801	2540	2287
Oil Age	hrs	Client Info	261	253	145
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	<1.0
Glycol	WC Method		NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185(m) >100	9	8	7
Chromium	ppm	ASTM D5185(m) >20	0	0	0
Nickel	ppm	ASTM D5185(m) >4	0	0	0
Titanium	ppm	ASTM D5185(m)	<1	<1	<1
Silver	ppm	ASTM D5185(m) >3	0	0	0
Aluminum	ppm	ASTM D5185(m) >20	2	2	2
Lead	ppm	ASTM D5185(m) >40	2	1	<1
Copper	ppm	ASTM D5185(m) >330	2	2	1
Tin	ppm	ASTM D5185(m) >15	<1	<1	<1
Antimony	ppm	ASTM D5185(m)	1	7	25
Vanadium	ppm	ASTM D5185(m)	0	0	0
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)	106	179	410
Barium	ppm	ASTM D5185(m)	0	0	0
Molybdenum	ppm	ASTM D5185(m)	60	66	83
Manganese	ppm	ASTM D5185(m)	<1	<1	<1
Magnesium	ppm	ASTM D5185(m)	400	400	458
Calcium	ppm	ASTM D5185(m)	1933	1821	1648
Phosphorus	ppm	ASTM D5185(m)	1137	1095	1116
Zinc	ppm	ASTM D5185(m) 1700	1273	1193	1222
Sulfur	ppm	ASTM D5185(m)	2907	2844	2939
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185(m) >25	3	3	5
Sodium	ppm	ASTM D5185(m)	2	1	2
Potassium	ppm	ASTM D5185(m) >20	0	<1	<1

INFRA-RED

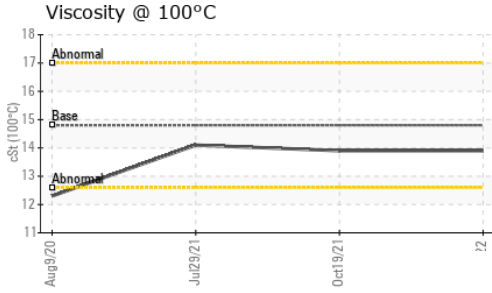
	method	limit/base	current	history 1	history 2
Soot %	%	ASTM D7844* >3	0.2	0.1	0.1
Nitration	Abs/cm	ASTM D7624* >20	8.4	8.1	7.2
Sulfation	Abs/.1mm	ASTM D7415* >30	21.8	21.4	21.2

FLUID DEGRADATION

	method	limit/base	current	history 1	history 2
Oxidation	Abs/.1mm	ASTM D7414* >25	18.7	17.4	15.8



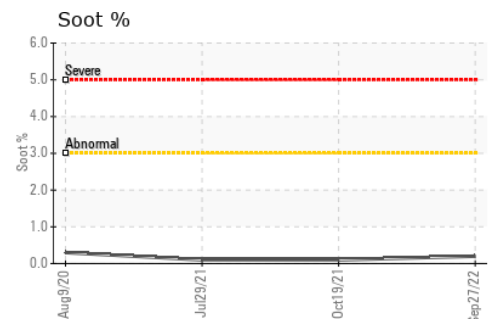
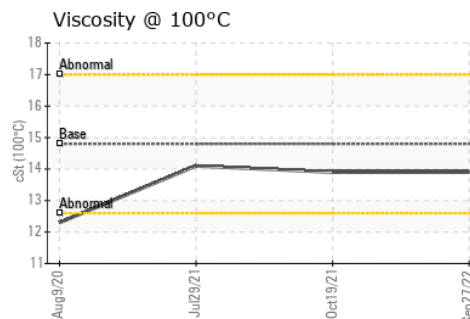
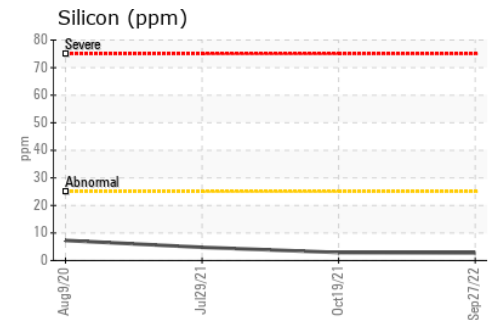
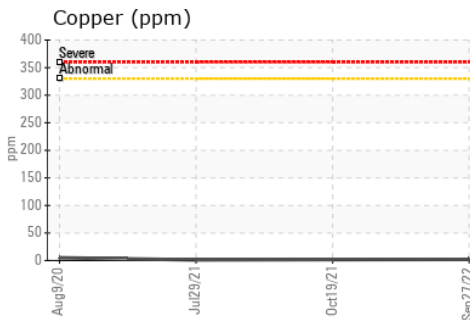
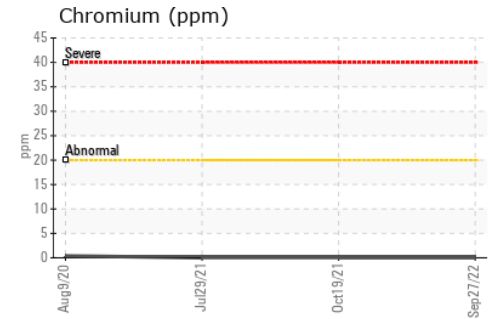
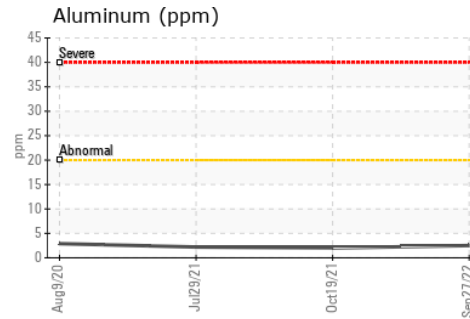
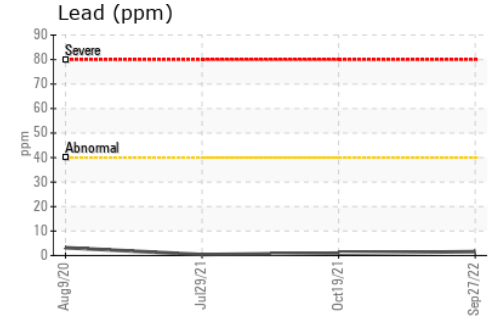
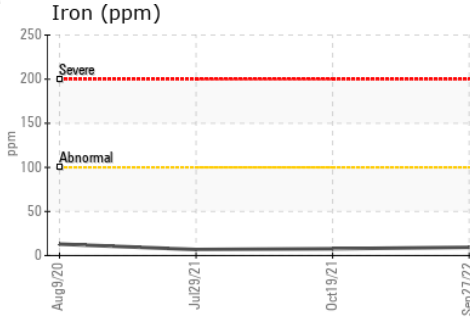
OIL ANALYSIS REPORT



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. : WC0808246
 Lab Number : 02553836
 Unique Number : 5566851
 Test Package : MOB 1

Received : 27 Apr 2023
 Diagnosed : 27 Apr 2023
 Diagnostician : Wes Davis

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.