



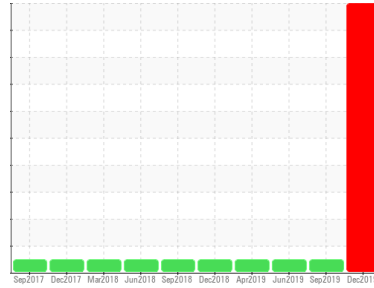
PROBLEM SUMMARY

Sample Rating Trend

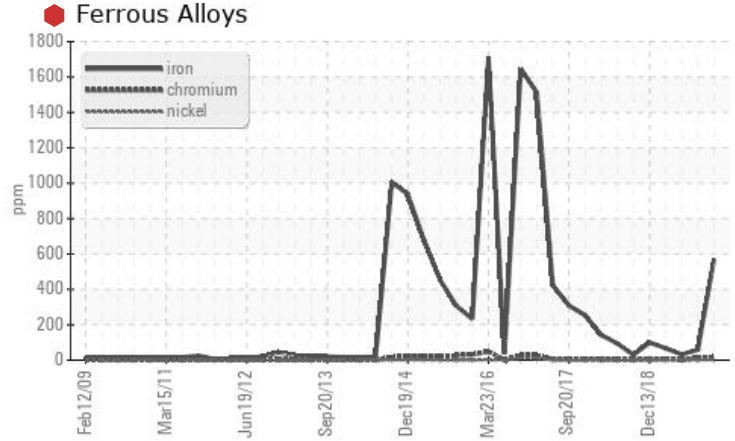
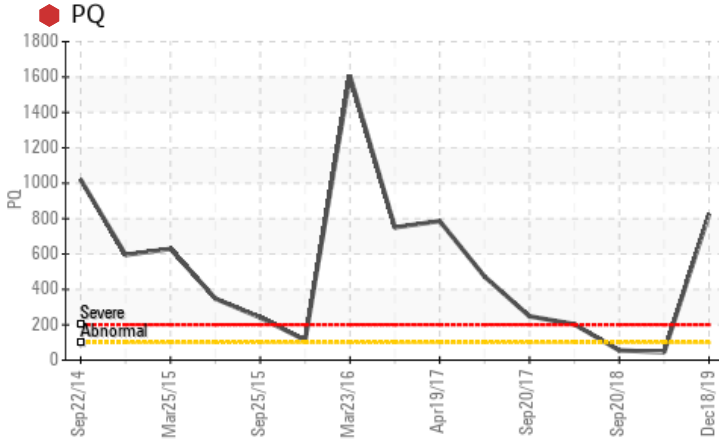
WEAR



Area
6 Calender Line
 Machine Id
39-0036 North Cooling Mixer
 Component
Gearbox
 Fluid
MOBIL GLYGOYLE 30 (70 LTR)



COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status			SEVERE	NORMAL	NORMAL
PQ		In-house	826	---	---
Iron	ppm	ASTM D5185 >200	570	59	32
Chromium	ppm	ASTM D5185 >15	18	12	<1
Titanium	ppm	ASTM D5185	197	3	<1

Customer Id: CUSANY
 Sample No.: WC1234567
 Lab Number: 01234567
 Test Package: IND 1



To manage this report scan the QR code

To discuss the diagnosis or test data:
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Bill.Quesnel@wearcheck.com

To change component or sample information:
 Gloria Gonzalez +1 (905)569-8600 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid	---	---	?	We recommend that you drain the oil from the component if this has not already been done.
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS

19 Sep 2019 Diag: Kevin Marson

NORMAL



No corrective action is recommended at this time. Resample at the next service interval to monitor. An increase in the chromium level is noted. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

[view report](#)



19 Jun 2019 Diag: Kevin Marson

NORMAL



Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

[view report](#)



24 Apr 2019 Diag: Kevin Marson

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

[view report](#)





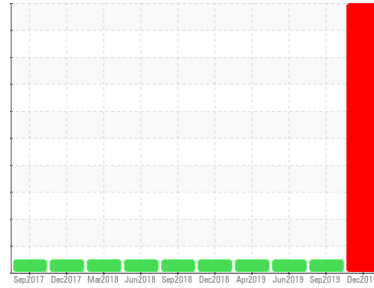
OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Area
6 Calender Line
 Machine Id
39-0036 North Cooling Mixer
 Component
Gearbox
 Fluid
MOBIL GLYGOYLE 30 (70 LTR)



DIAGNOSIS

Recommendation

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

Wear

Iron ppm levels are severe. PQ levels are severe. Chromium ppm levels are abnormal. Titanium ppm levels are marginal. Gear wear is indicated. The very high ferrous density (PQ) index indicates that severe wear is occurring.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The oil is no longer serviceable as a result of the abnormal and/or severe wear.

SAMPLE INFORMATION

	method	limit/base	current	history 1	history 2
Sample Number			WC0392970	WC0362954	WC0344474
Sample Date			18 Dec 2019	19 Sep 2019	19 Jun 2019
Machine Age	hrs		0	0	0
Oil Age	hrs		0	0	0
Oil Changed			N/A	N/A	N/A
Sample Status			SEVERE	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history 1	history 2
PQ	In-house		826	---	---
Iron	ppm ASTM D5185	>200	570	59	32
Chromium	ppm ASTM D5185	>15	18	12	<1
Nickel	ppm ASTM D5185	>15	1	<1	2
Titanium	ppm ASTM D5185		197	3	<1
Silver	ppm ASTM D5185		<1	<1	0
Aluminum	ppm ASTM D5185	>25	11	2	<1
Lead	ppm ASTM D5185	>100	2	1	3
Copper	ppm ASTM D5185	>200	75	39	116
Tin	ppm ASTM D5185	>25	13	5	11
Antimony	ppm ASTM D5185		88	4	<1
Vanadium	ppm ASTM D5185		2	0	0
Beryllium	ppm ASTM D5185		0	0	0
Cadmium	ppm ASTM D5185		0	0	<1

ADDITIVES

	method	limit/base	current	history 1	history 2
Boron	ppm ASTM D5185		9	7	26
Barium	ppm ASTM D5185		8	1	<1
Molybdenum	ppm ASTM D5185		<1	<1	<1
Manganese	ppm ASTM D5185		6	<1	<1
Magnesium	ppm ASTM D5185		2	<1	<1
Calcium	ppm ASTM D5185		103	33	287
Phosphorus	ppm ASTM D5185		1066	1154	1042
Zinc	ppm ASTM D5185		16	17	4
Sulfur	ppm ASTM D5185		171	134	155
Lithium	ppm ASTM D5185		<1	<1	0

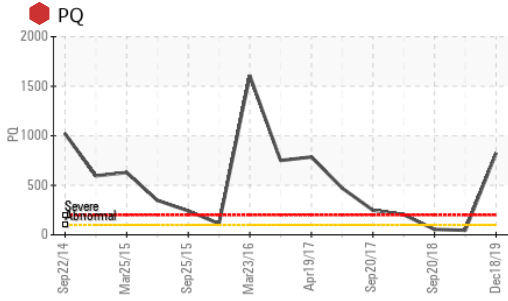
CONTAMINANTS

	method	limit/base	current	history 1	history 2
Silicon	ppm ASTM D5185	>50	23	10	4
Sodium	ppm ASTM D5185		4	2	<1
Potassium	ppm ASTM D5185	>20	2	2	1

VISUAL

	method	limit/base	current	history 1	history 2
White Metal	scalar Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar Visual	NONE	NONE	NONE	NONE
Precipitate	scalar Visual	NONE	NONE	NONE	NONE
Silt	scalar Visual	NONE	LIGHT	NONE	NONE
Debris	scalar Visual	NONE	NONE	NONE	VLITE
Sand/Dirt	scalar Visual	NONE	NONE	NONE	NONE
Appearance	scalar Visual	NORML	NORML	NORML	NORML
Odor	scalar Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar Visual	>0.2	NEG	NEG	NEG
Free Water	scalar Visual		NEG	NEG	NEG

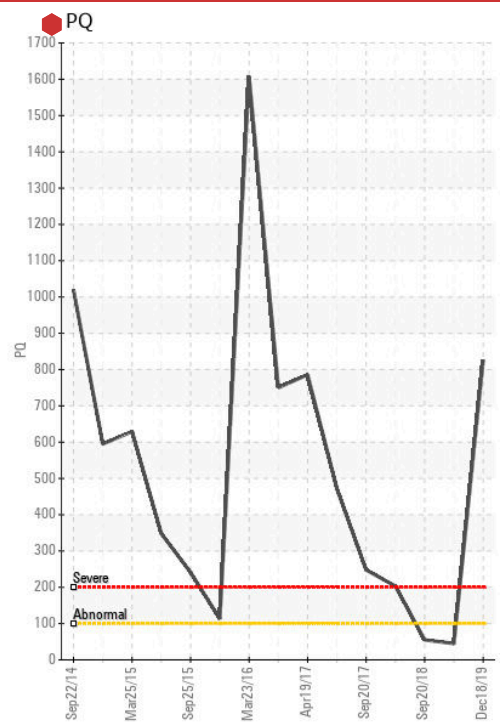
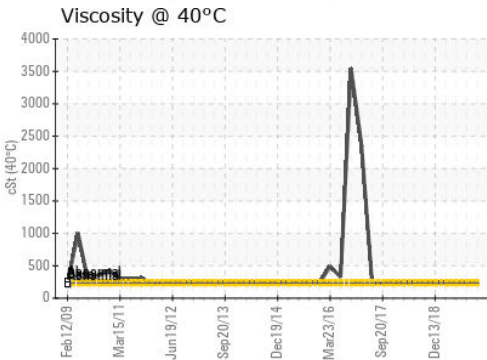
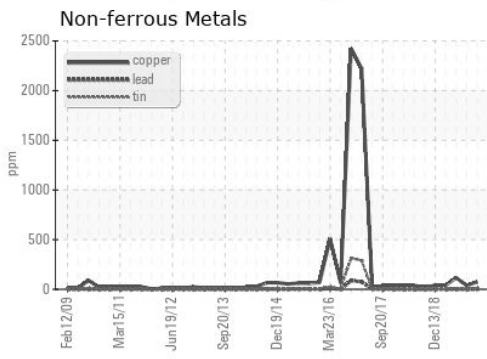
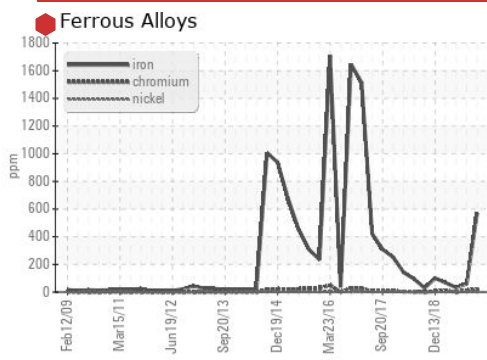
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history 1	history 2	
Visc @ 40°C	cSt	ASTM D7279	224	252	239	239

SAMPLE IMAGES	method	limit/base	current	history 1	history 2	
Color						
Bottom						

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC1234567 **Received** : 15 Jan 2020
Lab Number : **01234567** **Diagnosed** : 16 Jan 2020
Unique Number : 12345678 **Diagnostician** : Bill Quesnel
Test Package : IND 1 (Additional Tests: PQ)

To discuss diagnosis or test data, contact Technical Support at 1-800-268-2131.
 To change component or sample information, contact Customer Service at 1-800-268-2131.

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