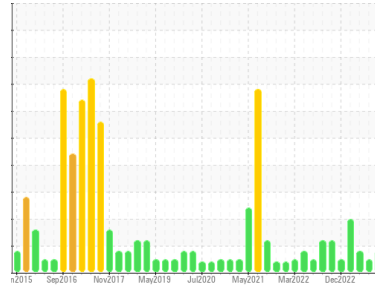




PROBLEM SUMMARY

Sample Rating Trend



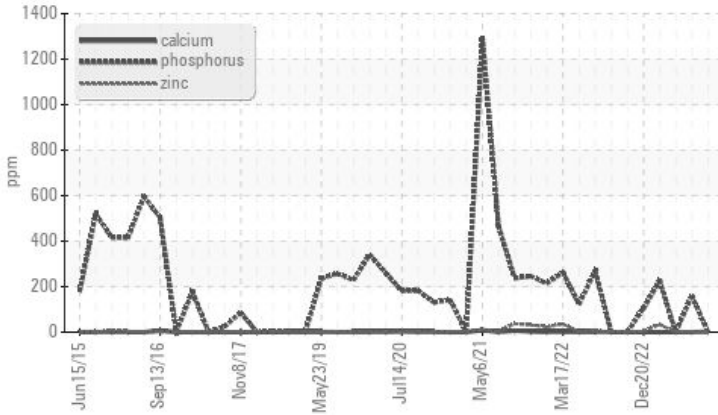
ADDITIVES



Area
[21940459]
 Machine Id
129-168 Agitator Gearbox (S/N 422 901 118-001-1)
 Component
Gearbox
 Fluid
MOBIL GLYGOYLE HE ISO 460 (90 LTR)

COMPONENT CONDITION SUMMARY

▲ Additives



RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status			ATTENTION	NORMAL	ATTENTION	
Phosphorus	ppm	ASTM D5185(m)	550	▲ 0	160	▲ 0
Sulfur	ppm	ASTM D5185(m)	550	▲ 0	281	▲ 25

Customer Id: FLASTS
 Sample No.: WC0840178
 Lab Number: 02575489
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Kevin Marson +1 (289)291-4644 x4644
Kevin.Marson@wearcheck.com

To change component or sample information:
 Gloria Gonzalez +1 (289)291-4643 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Check Fluid Source	---	---	?	Confirm the source of the lubricant being utilized for top-up/fill.

HISTORICAL DIAGNOSIS

08 Jun 2023 Diag: Wes Davis

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



24 Apr 2023 Diag: Kevin Marson

ADDITIVES



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. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



02 Mar 2023 Diag: Kevin Marson

CONTAMINANT



We recommend that you drain the oil 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. All component wear rates are normal. The sample contained a visible layer of foreign fluid contaminant, the origin and/or type of fluid is unknown. Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The oil is no longer serviceable due to the presence of contaminants.

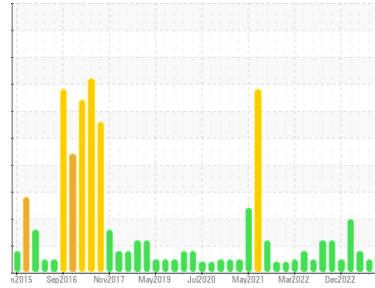
view report





OIL ANALYSIS REPORT

Sample Rating Trend



ADDITIVES



Area
[21940459]

Machine Id
129-168 Agitator Gearbox (S/N 422 901 118-001-1)

Component
Gearbox

Fluid
MOBIL GLYGOYLE HE ISO 460 (90 LTR)

DIAGNOSIS

▲ Recommendation

Confirm the source of the lubricant being utilized for top-up/fill. 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

Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0840178	WC0813431	WC0782460
Sample Date	Client Info		03 Aug 2023	08 Jun 2023	24 Apr 2023
Machine Age	mths	Client Info	0	0	0
Oil Age	mths	Client Info	0	0	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			ATTENTION	NORMAL	ATTENTION

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		0	0	---
Iron	ppm	ASTM D5185(m) >200	<1	<1	0
Chromium	ppm	ASTM D5185(m) >15	2	0	0
Nickel	ppm	ASTM D5185(m) >15	0	0	0
Titanium	ppm	ASTM D5185(m)	0	0	0
Silver	ppm	ASTM D5185(m)	0	0	0
Aluminum	ppm	ASTM D5185(m) >25	0	0	0
Lead	ppm	ASTM D5185(m) >100	5	0	0
Copper	ppm	ASTM D5185(m) >200	2	0	0
Tin	ppm	ASTM D5185(m) >25	2	0	0
Antimony	ppm	ASTM D5185(m) >5	2	<1	0
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

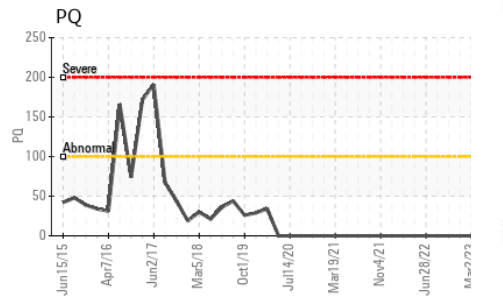
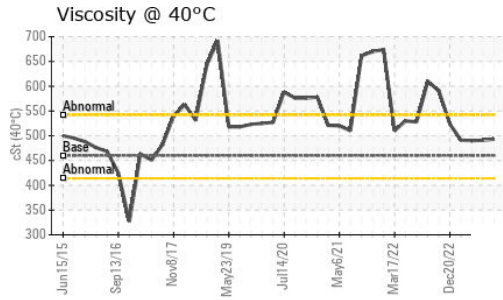
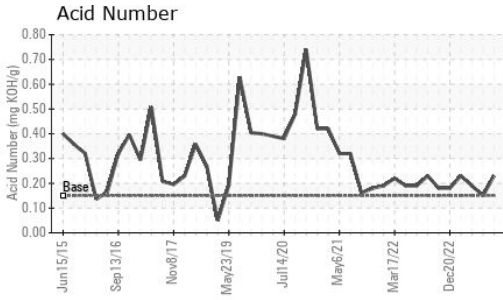
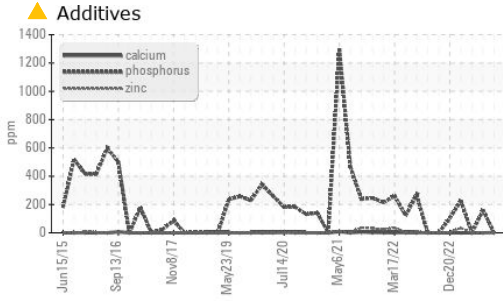
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 0	0	<1	0
Barium	ppm	ASTM D5185(m) 0	2	0	0
Molybdenum	ppm	ASTM D5185(m) 0	3	0	0
Manganese	ppm	ASTM D5185(m) 0	0	0	0
Magnesium	ppm	ASTM D5185(m) 4	0	<1	0
Calcium	ppm	ASTM D5185(m) 0	2	0	0
Phosphorus	ppm	ASTM D5185(m) 550	▲ 0	160	▲ 0
Zinc	ppm	ASTM D5185(m) 0	0	<1	<1
Sulfur	ppm	ASTM D5185(m) 550	▲ 0	281	▲ 25
Lithium	ppm	ASTM D5185(m)	0	<1	0

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >50	0	<1	0
Sodium	ppm	ASTM D5185(m)	3	3	4
Potassium	ppm	ASTM D5185(m) >20	0	0	0

FLUID DEGRADATION

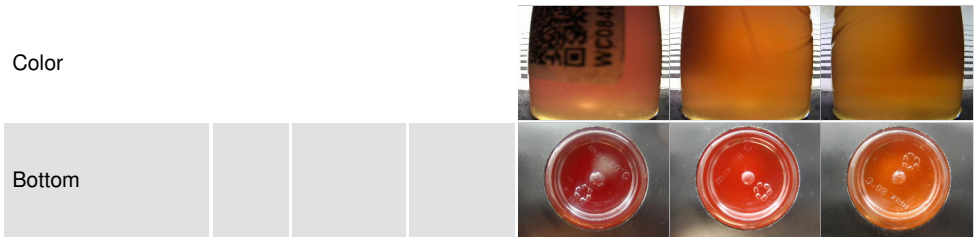
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974* 0.15	0.23	0.15	0.19



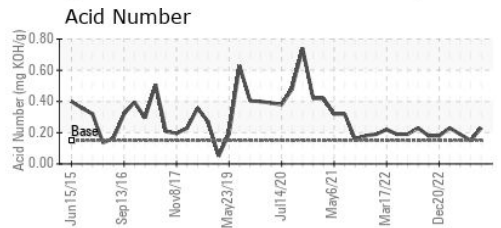
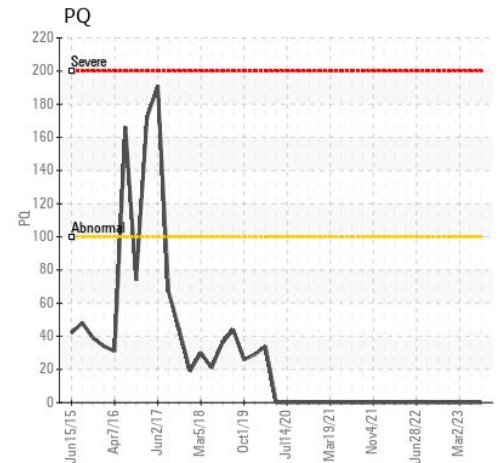
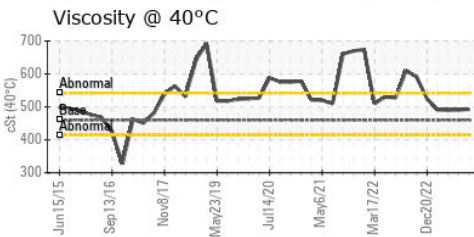
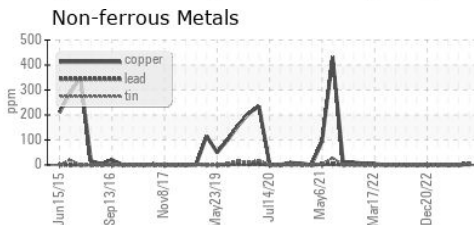
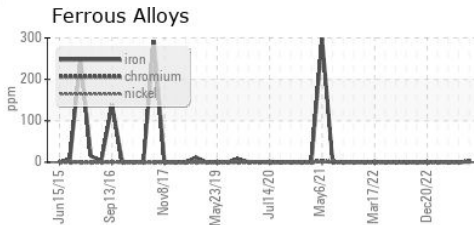
PARAMETER	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

PARAMETER	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	460	493	491

PARAMETER	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0840178
Lab Number : 02575489
Unique Number : 5620540
Test Package : IND 2 (Additional Tests: TAN Man)

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 CA E3L 3A6
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 Jim.Sears@arauco.com
 T: (506)465-2858
 F: (506)465-2831

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.