



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
82-144 G#1

Component
Gearbox

Fluid
GEAR OIL (PAG) ISO 320 (--- GAL)

RECOMMENDATION

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. We advise that you check for the source of water entry. Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We advise that you follow the water drain-off procedure for this component. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

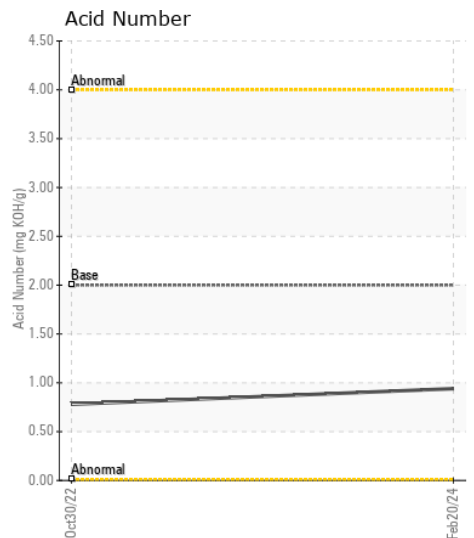
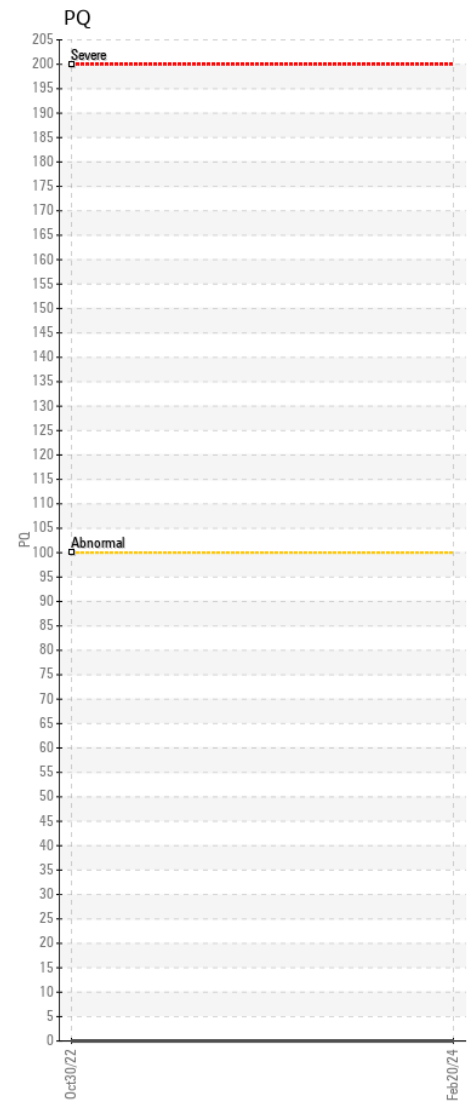
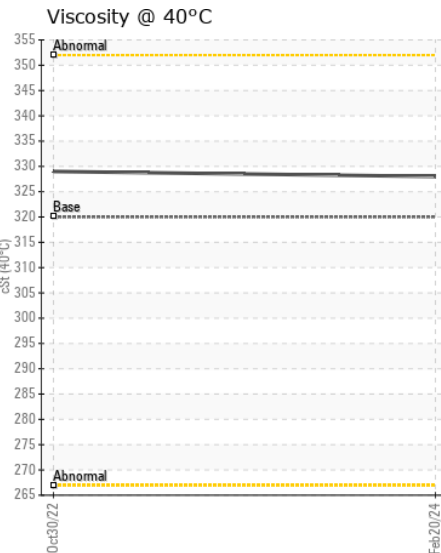
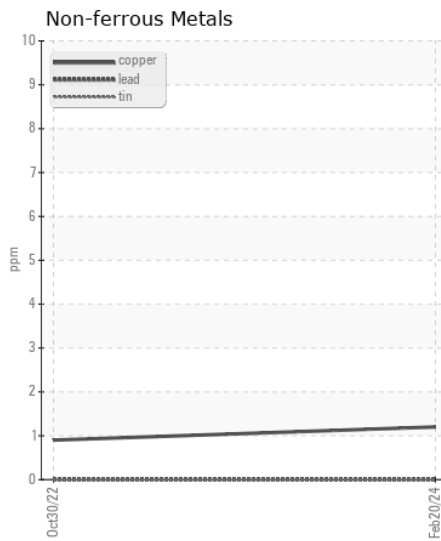
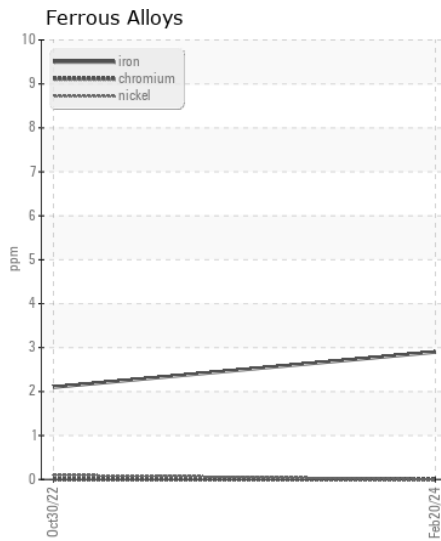
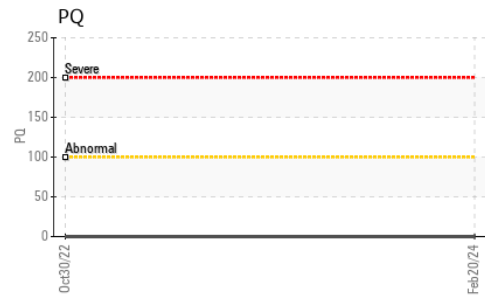
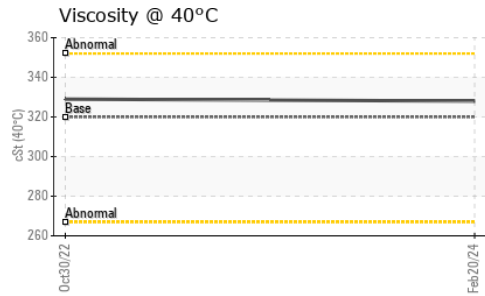
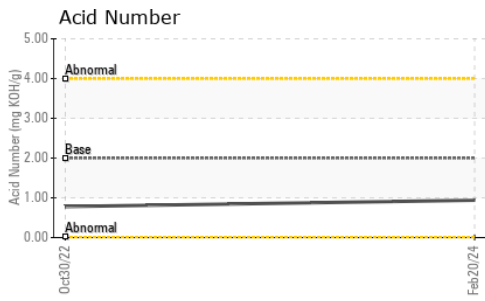
CONTAMINATION

Free water present.

FLUID CONDITION

The AN level is acceptable for this fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0910885	WC0756058	---
Sample Date		Client Info		20 Feb 2024	30 Oct 2022	---
Machine Age	hrs	Client Info		0	0	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ABNORMAL	NORMAL	---
PQ		ASTM D8184*		0	0	---
Iron	ppm	ASTM D5185(m)	>200	3	2	---
Chromium	ppm	ASTM D5185(m)	>15	0	0	---
Nickel	ppm	ASTM D5185(m)	>15	0	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	<1	0	---
Lead	ppm	ASTM D5185(m)	>100	0	0	---
Copper	ppm	ASTM D5185(m)	>200	1	<1	---
Tin	ppm	ASTM D5185(m)	>25	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185(m)	>50	28	26	---
Potassium	ppm	ASTM D5185(m)	>20	<1	0	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	▲ WGOIL	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	---
Sodium	ppm	ASTM D5185(m)		0	<1	---
Boron	ppm	ASTM D5185(m)	5	3	4	---
Barium	ppm	ASTM D5185(m)	5	0	0	---
Molybdenum	ppm	ASTM D5185(m)	5	0	0	---
Manganese	ppm	ASTM D5185(m)		0	0	---
Magnesium	ppm	ASTM D5185(m)	5	<1	0	---
Calcium	ppm	ASTM D5185(m)	5	<1	0	---
Phosphorus	ppm	ASTM D5185(m)	775	420	458	---
Zinc	ppm	ASTM D5185(m)	5	1	<1	---
Sulfur	ppm	ASTM D5185(m)	2000	1936	1945	---
Acid Number (AN)	mg KOH/g	ASTM D974*	2.00	0.94	0.78	---
Visc @ 40°C	cSt	ASTM D7279(m)	320	328	329	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0910885
Lab Number : 02617240
Unique Number : 5734350
Test Package : IND 2
Received : 21 Feb 2024
Tested : 23 Feb 2024
Diagnosed : 23 Feb 2024 - Kevin Marson

MAGNA EXTERIORS - CO-EX-TEC
 140 STAFFERN DRIVE
 CONCORD, ON
 CA L4K 2X3
 Contact: Navindra Persaud
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 T: (905)738-8710
 F: (905)738-0712

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.