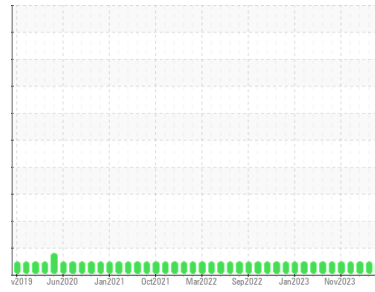




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area

EILEEN BIGELOW

Machine Id

[EILEEN BIGELOW] 005 588445-5

Component

Center Reduction Gear

Fluid

CHEVRON MEROPA 320 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.
NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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		MW06151282	MW06120298	MW06055977
Sample Date	Client Info		01 Apr 2024	01 Mar 2024	01 Jan 2024
Machine Age	hrs	Client Info	33709	32981	31781
Oil Age	hrs	Client Info	33709	32981	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >150	103	104	98
Chromium	ppm	ASTM D5185m >10	<1	1	<1
Nickel	ppm	ASTM D5185m >10	0	<1	0
Titanium	ppm	ASTM D5185m	<1	1	<1
Silver	ppm	ASTM D5185m	0	<1	0
Aluminum	ppm	ASTM D5185m >25	8	8	7
Lead	ppm	ASTM D5185m >100	<1	3	0
Copper	ppm	ASTM D5185m >50	12	17	11
Tin	ppm	ASTM D5185m >10	0	2	0
Vanadium	ppm	ASTM D5185m	0	<1	0
Cadmium	ppm	ASTM D5185m	0	<1	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 20	4	5	4
Barium	ppm	ASTM D5185m	0	<1	<1
Molybdenum	ppm	ASTM D5185m 0	4	5	4
Manganese	ppm	ASTM D5185m	0	1	<1
Magnesium	ppm	ASTM D5185m	4	2	2
Calcium	ppm	ASTM D5185m 25	33	34	31
Phosphorus	ppm	ASTM D5185m 235	379	391	358
Zinc	ppm	ASTM D5185m	7	17	10
Sulfur	ppm	ASTM D5185m	5380	6257	5121

CONTAMINANTS

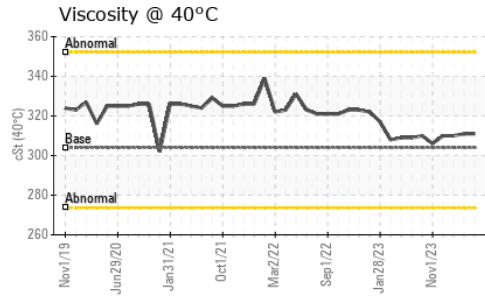
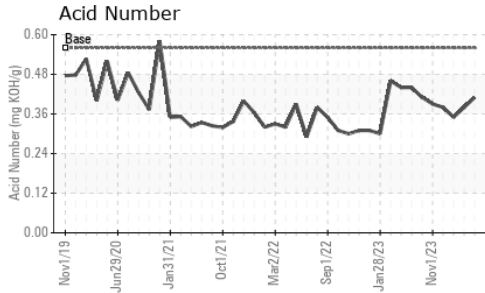
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	10	11	11
Sodium	ppm	ASTM D5185m	84	83	70
Potassium	ppm	ASTM D5185m >20	4	5	1

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.56	0.41	0.38	0.35



OIL ANALYSIS REPORT



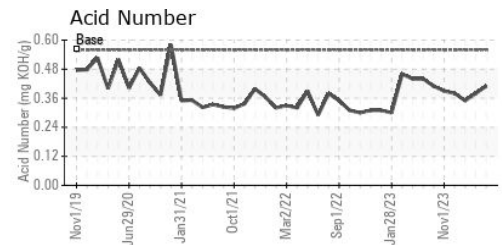
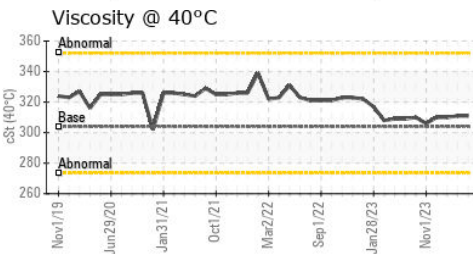
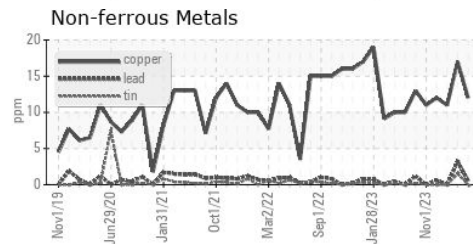
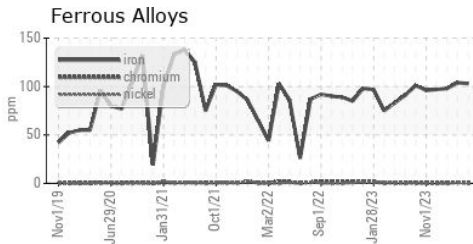
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 304	311	311	310

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color			<i>no image</i>	<i>no image</i>	<i>no image</i>
Bottom			<i>no image</i>	<i>no image</i>	<i>no image</i>

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : MW06151282
Lab Number : **06151282**
Unique Number : 10981360
Test Package : MAR 2

Received : 16 Apr 2024
Tested : 18 Apr 2024
Diagnosed : 18 Apr 2024 - Wes Davis

INGRAM BARGE
 900 S 3RD ST
 PADUCAH, KY
 US 42003

Contact: TONY HUCKABEE
 tony.huckabee@ingrambarga.com

T: (270)415-4467
 F: (615)695-3697

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)