



Area

**OH INGRAM**

Machine Id

**[OH INGRAM] 006 645896-6**

Component

**Starboard Reduction Gear**

Fluid

**CHEVRON MEROPA 320 (100 GAL)**

**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**

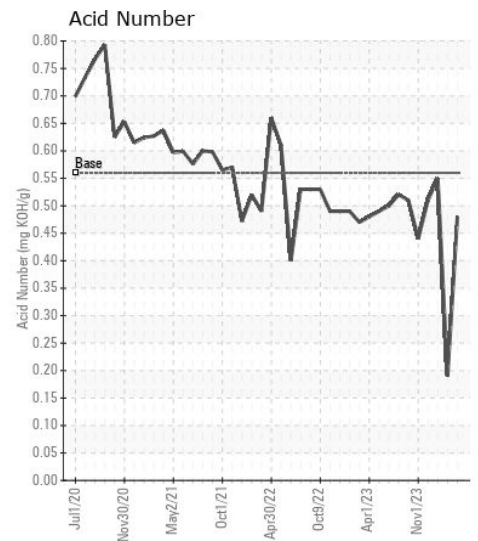
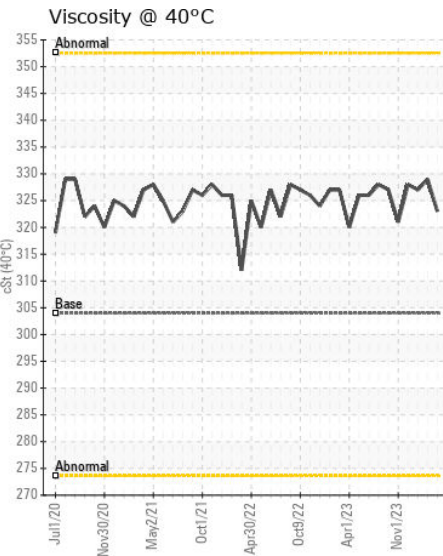
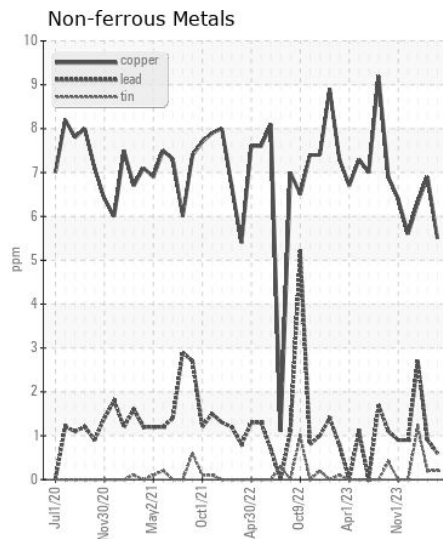
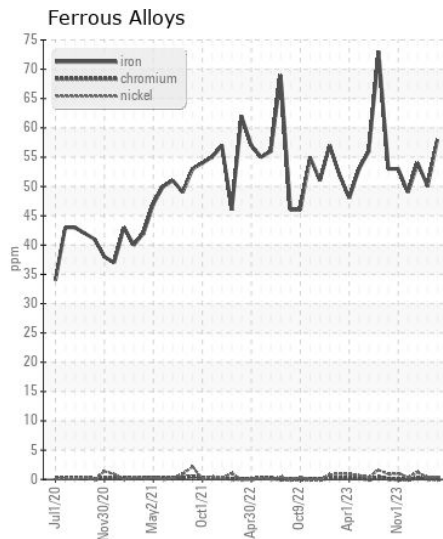
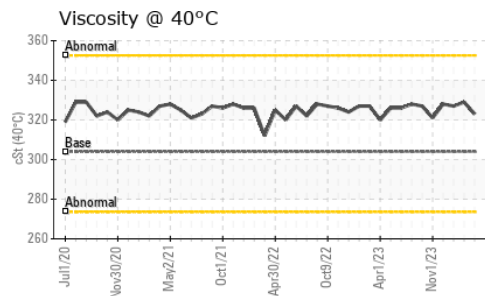
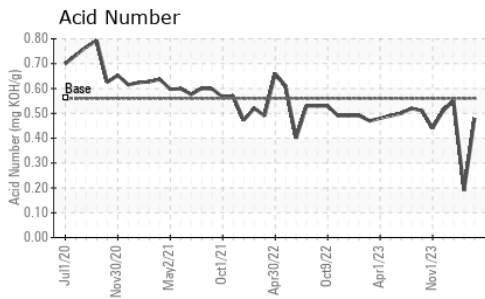
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>MW0063312</b>	MW0064802	MW0064746
Sample Date		Client Info		<b>01 May 2024</b>	01 Feb 2024	01 Jan 2024
Machine Age	hrs	Client Info		<b>59518</b>	59186	58444
Oil Age	hrs	Client Info		<b>59518</b>	59186	27956
Filter Age	hrs	Client Info		<b>0</b>	0	27956
Oil Changed		Client Info		<b>N/A</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>N/A</b>	N/A	None
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

Iron	ppm	ASTM D5185m	>150	<b>58</b>	50	54
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>8</b>	8	8
Lead	ppm	ASTM D5185m	>100	<b>&lt;1</b>	<1	3
Copper	ppm	ASTM D5185m	>50	<b>6</b>	7	6
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

Silicon	ppm	ASTM D5185m	>50	<b>2</b>	2	1
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	1	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

Sodium	ppm	ASTM D5185m		<b>31</b>	28	27
Boron	ppm	ASTM D5185m	20	<b>&lt;1</b>	1	2
Barium	ppm	ASTM D5185m		<b>1</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>5</b>	4	5
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>5</b>	5	3
Calcium	ppm	ASTM D5185m	25	<b>46</b>	43	46
Phosphorus	ppm	ASTM D5185m	235	<b>290</b>	263	265
Zinc	ppm	ASTM D5185m		<b>19</b>	14	27
Sulfur	ppm	ASTM D5185m		<b>6771</b>	5509	5589
Acid Number (AN)	mg KOH/g	ASTM D8045	0.56	<b>0.48</b>	0.19	0.55
Visc @ 40°C	cSt	ASTM D445	304	<b>323</b>	329	327



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : MW0063312

**Lab Number** : 06176174

**Unique Number** : 11022227

**Test Package** : MAR 2

**Received** : 10 May 2024

**Tested** : 13 May 2024

**Diagnosed** : 13 May 2024 - Wes Davis

**INGRAM BARGE**

900 S 3RD ST

PADUCAH, KY

US 42003

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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)