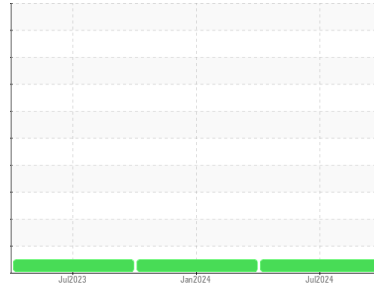




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area

[5792199]

Machine Id

CMX CLV245AG001

Component

Gearbox

Fluid

{not provided} (--- GAL)

DIAGNOSIS

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.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0782584	WC0865409	WC0782569
Sample Date	Client Info	09 Jul 2024	08 Jan 2024	14 Jul 2023
Machine Age	hrs	Client Info	0	0
Oil Age	hrs	Client Info	0	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	>0.2	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>200	3	1
Chromium	ppm	ASTM D5185m	>15	0	0
Nickel	ppm	ASTM D5185m	>15	0	0
Titanium	ppm	ASTM D5185m		1	0
Silver	ppm	ASTM D5185m		0	0
Aluminum	ppm	ASTM D5185m	>25	0	0
Lead	ppm	ASTM D5185m	>100	0	0
Copper	ppm	ASTM D5185m	>200	0	0
Tin	ppm	ASTM D5185m	>25	0	0
Vanadium	ppm	ASTM D5185m		0	0
Cadmium	ppm	ASTM D5185m		0	0

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m		0	0
Barium	ppm	ASTM D5185m		4	0
Molybdenum	ppm	ASTM D5185m		0	0
Manganese	ppm	ASTM D5185m		<1	0
Magnesium	ppm	ASTM D5185m		0	0
Calcium	ppm	ASTM D5185m		2	<1
Phosphorus	ppm	ASTM D5185m		528	548
Zinc	ppm	ASTM D5185m		0	0
Sulfur	ppm	ASTM D5185m		56	70

CONTAMINANTS

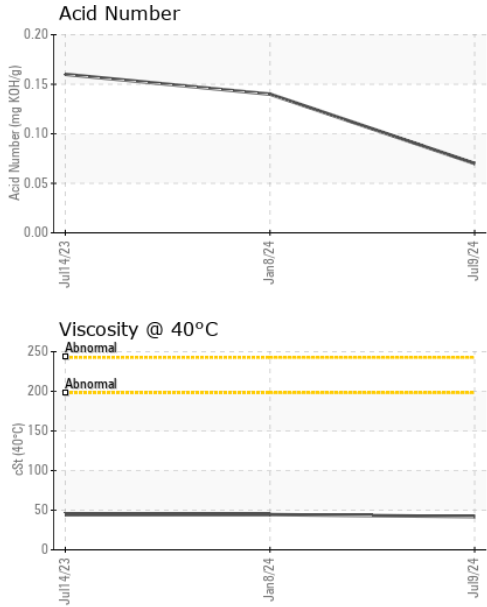
method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>50	19	16
Sodium	ppm	ASTM D5185m		2	0
Potassium	ppm	ASTM D5185m	>20	0	0

FLUID DEGRADATION

method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D8045		0.07	0.14



OIL ANALYSIS REPORT

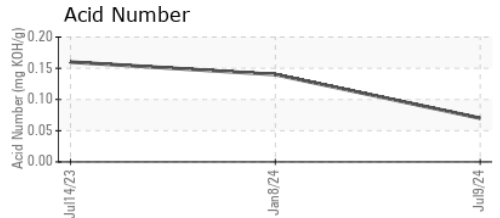
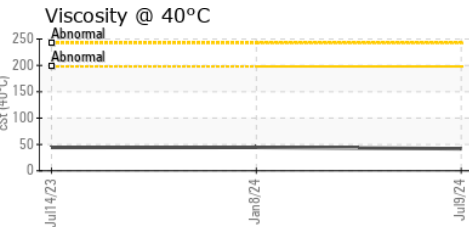
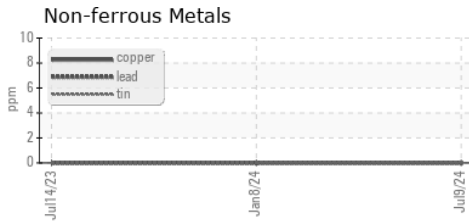
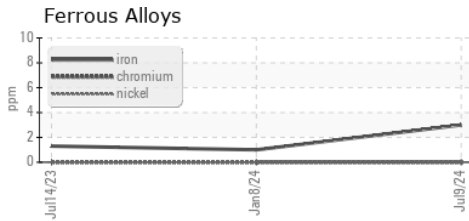


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	41.9	44.5	44.4

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0782584
Lab Number : 06237935
Unique Number : 11126769
Test Package : IND 2

Received : 16 Jul 2024
Tested : 17 Jul 2024
Diagnosed : 18 Jul 2024 - Sean Felton

TAKEDA
 305-505 BAXALTA PARKWAY
 SOCIAL CIRCLE, GA
 US 30025
 Contact: BRANDON INMAN
 BRANDON.INMAN@SHIRE.COM

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)