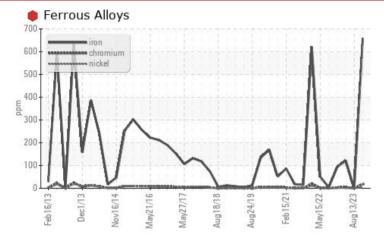


PROBLEM SUMMARY

Area [604138287] Machine Id K-CHOC LECITHIN PMP (S/N 20061108) Component

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

COMPONENT CONDITION SUMMARY



RECOMMENDATION

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS							
Sample Status				SEVERE	NORMAL	NORMAL	
Iron	ppm	ASTM D5185m	>200	658	0	122	
Chromium	ppm	ASTM D5185m	>15	1 7	0	4	

Customer Id: MARSCHI Sample No.: WC0562287 Lab Number: 06008475 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 <u>don.b505@comcast.net</u>

To change component or sample information: Customer Service +1 1-800-237-1369 <u>customerservice@wearcheck.com</u>



RECOMMENDED ACTIONS							
Action	Status	Date	Done By	Description			
Inspect Wear Source			?	We advise that you inspect for the source(s) of wear.			
Resample			?	We recommend an early resample to monitor this condition.			

HISTORICAL DIAGNOSIS



13 Aug 2023 Diag: Don Baldridge

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

07 May 2023 Diag: Jonathan Hester



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.

19 Feb 2023 Diag: Don Baldridge





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.







OIL ANALYSIS REPORT

Area [604138287] Machine Id K-CHOC LECITHIN PMP (S/N 20061108) Component

Gearbox Fluid

GEAR OIL ISO 320 (--- GAL)

DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

🛑 Wear

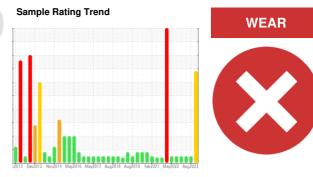
A sharp increase in the iron level is noted. Gear wear is indicated.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The AN level is acceptable for this fluid.



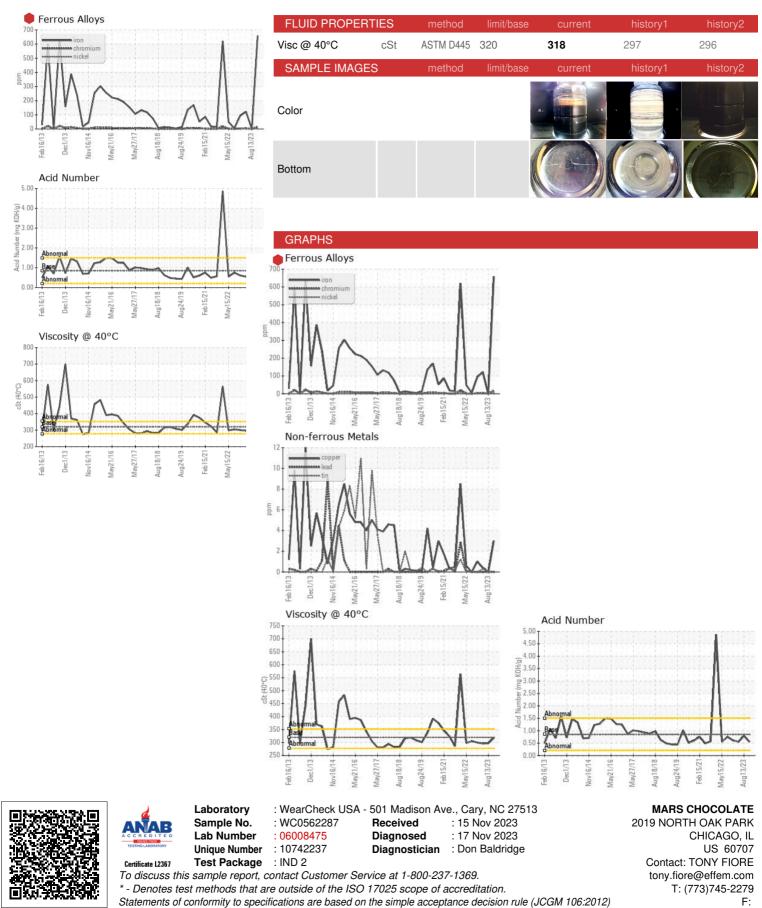
SAMPLE INFORM	NATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0562287	WC0562310	WC0605329
Sample Date		Client Info		28 Oct 2023	13 Aug 2023	07 May 2023
Machine Age	mls	Client Info		0	0	0
Oil Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				SEVERE	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	658	0	122
Chromium	ppm	ASTM D5185m	>15	<u> </u>	0	4
Nickel	ppm	ASTM D5185m	>15	4	0	1
Titanium	ppm	ASTM D5185m		20	0	5
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	14	3	4
Lead	ppm	ASTM D5185m	>100	0	0	0
Copper	ppm	ASTM D5185m		3	0	<1
Tin	ppm	ASTM D5185m	>25	0	0	<1
Vanadium	ppm	ASTM D5185m	-	<1	0	<1
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	0	0	0
Barium	ppm	ASTM D5185m	15	0	0	0
Molybdenum	ppm	ASTM D5185m	15	0	0	0
Manganese	ppm	ASTM D5185m	10	7	0	1
Magnesium		ASTM D5185m	50	6	1	0
Calcium	ppm ppm	ASTM D5185m	50	636	1	135
		ASTM D5185m	350	134	236	182
Phosphorus Zinc	ppm			128	0	3
Zinc Sulfur	ppm ppm	ASTM D5185m ASTM D5185m	100 12500	120	2118	2358
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	15	2	9
Sodium	ppm	ASTM D5185m	00	<1	<1	0
Potassium	ppm	ASTM D5185m	_	4	2	2
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.85	0.55	0.79	0.55
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

Report Id: MARSCHI [WUSCAR] 06008475 (Generated: 11/17/2023 13:07:54) Rev: 1

Contact/Location: TONY FIORE - MARSCHI



OIL ANALYSIS REPORT



Contact/Location: TONY FIORE - MARSCHI