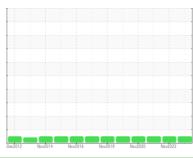


## **OIL ANALYSIS REPORT**

## Area [603703627 SDR] **L-3 ENROBER M.D. (S/N 20065782)**

Component Gearbox

GEAR OIL ISO 220 (--- GAL)



Sample Rating Trend



## Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the

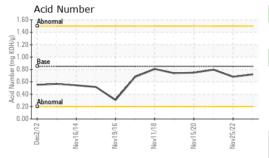
## Fluid Condition

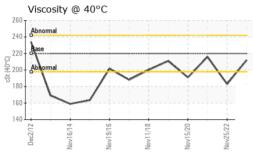
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

	URALUIE IRVIEUIT IRVIEUITO IRVIEUEU IRVIEUEU IRVIEUEE					
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0562368	WC0562441	WC0562392
Sample Date		Client Info		12 Nov 2023	25 Nov 2022	07 Nov 2021
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				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	0	4	0
Chromium	ppm	ASTM D5185m	>15	0	0	0
Nickel	ppm	ASTM D5185m	>15	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	1	0
Lead	ppm	ASTM D5185m	>100	0	0	0
Copper	ppm	ASTM D5185m	>200	0	<1	0
Tin	ppm	ASTM D5185m	>25	0	0	0
Antimony	ppm	ASTM D5185m	>5			0
Vanadium	ppm	ASTM D5185m		0	0	0
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	0	0	0
Magnesium	ppm	ASTM D5185m	50	<1	0	0
Calcium	ppm	ASTM D5185m	50	4	7	0
Phosphorus	ppm	ASTM D5185m	350	128	168	190
Zinc	ppm	ASTM D5185m	100	0	<1	0
Sulfur	ppm	ASTM D5185m	12500	1999	2420	1647
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		3	9	0
Sodium	ppm	ASTM D5185m	700	0	<1	0
Potassium	ppm	ASTM D5185m	>20	0	0	0
FLUID DEGRADA						
Acid Number (AN)	mg KOH/g	method ASTM D8045	limit/base 0.85	current 0.72	history1 0.68	history2 0.796
VISUAL	ing Northy					
	I	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
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	VLITE
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
Free Water	scalar	*Visual		NEG	ITIONNEONY FIC	RE NEGRSCHI



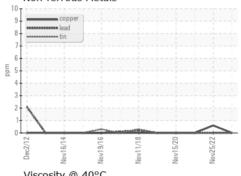
## **OIL ANALYSIS REPORT**

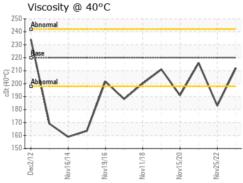


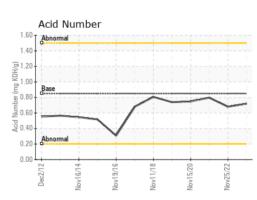




# **GRAPHS** Ferrous Alloys Non-ferrous Metals











Certificate L2367

Test Package : IND 2

Laboratory Sample No. Lab Number Unique Number : 10742266

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0562368 : 06008504

Received Diagnosed Diagnostician : Don Baldridge

: 15 Nov 2023 : 17 Nov 2023

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)

MARS CHOCOLATE

2019 NORTH OAK PARK CHICAGO, IL US 60707

Contact: TONY FIORE tony.fiore@effem.com T: (773)745-2279

Contact/Location: TONY FIORE - MARSCHI