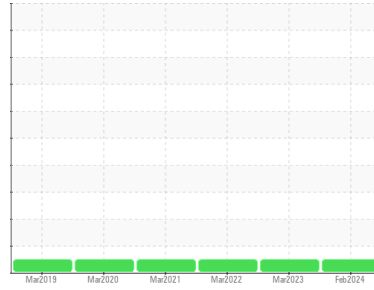




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
[603901769 SDR]
 Machine Id
L-5 FOILER 5 MD (S/N 20186971)
 Component
Gearbox
 Fluid
ISO 68 (--- 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	WC0854599	WC0605567	WC0605205
Sample Date	Client Info	29 Feb 2024	24 Mar 2023	19 Mar 2022
Machine Age	hrs Client Info	0	0	0
Oil Age	hrs Client Info	0	0	0
Oil Changed	Client Info	Changed	Changed	Changed
Sample Status		NORMAL	NORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.2	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >200	0	0	<1
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	<1
Aluminum	ppm ASTM D5185m >25	0	0	<1
Lead	ppm ASTM D5185m >100	0	0	0
Copper	ppm ASTM D5185m >200	0	<1	<1
Tin	ppm ASTM D5185m >25	0	0	<1
Antimony	ppm ASTM D5185m >5	---	---	---
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	0	0	<1
Barium	ppm ASTM D5185m	0	0	0
Molybdenum	ppm ASTM D5185m	0	0	0
Manganese	ppm ASTM D5185m	0	<1	<1
Magnesium	ppm ASTM D5185m	0	1	0
Calcium	ppm ASTM D5185m	0	4	<1
Phosphorus	ppm ASTM D5185m	183	199	212
Zinc	ppm ASTM D5185m	0	<1	0
Sulfur	ppm ASTM D5185m	1921	2014	1344

CONTAMINANTS

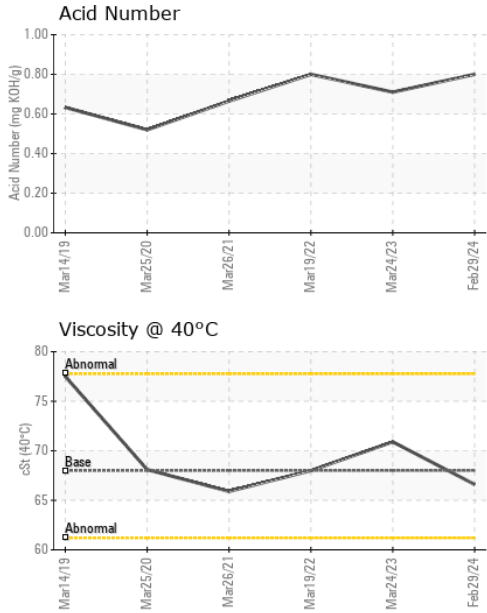
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >50	4	1	12
Sodium	ppm ASTM D5185m	0	0	0
Potassium	ppm ASTM D5185m >20	0	0	<1

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	0.80	0.71	0.80



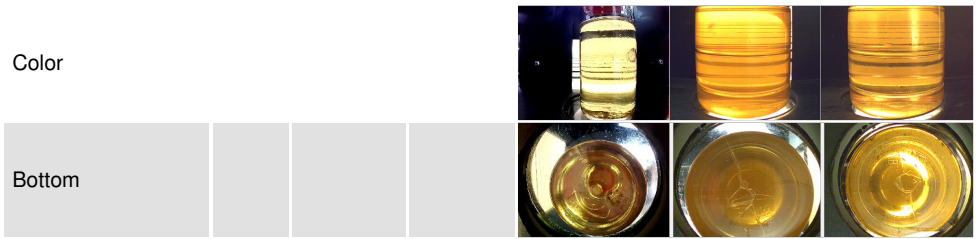
OIL ANALYSIS REPORT



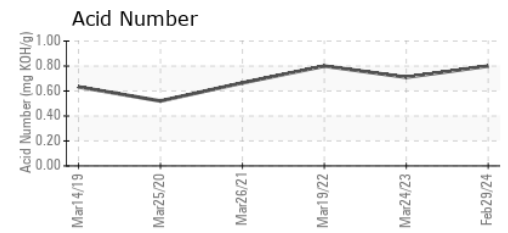
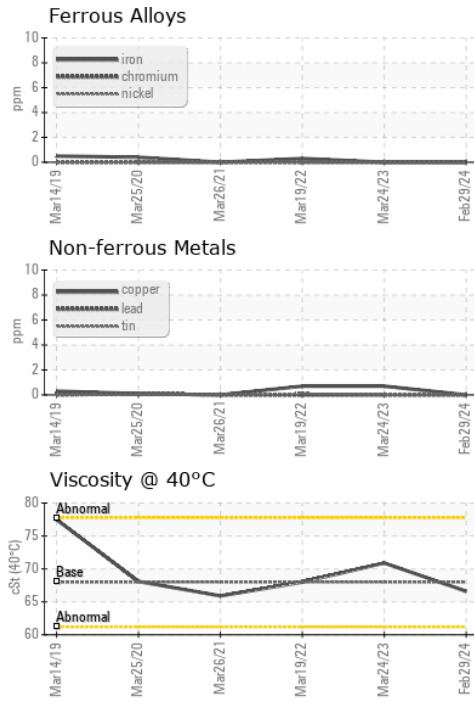
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	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	68.0	66.6	70.9	68.0

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0854599 **Received** : 19 Mar 2024
Lab Number : 06122564 **Tested** : 20 Mar 2024
Unique Number : 10936715 **Diagnosed** : 21 Mar 2024 - Jonathan Hester
Test Package : IND 2

MARS CHOCOLATE
 2019 NORTH OAK PARK
 CHICAGO, IL
 US 60707
 Contact: ALEX RAINBOTH
 alexander.rainboth@effem.com
 T: (773)745-4455
 F: x:

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)