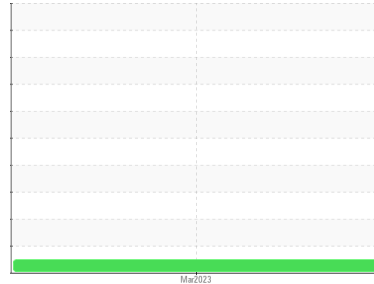




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id

EUCO 2

Component

Front Gearbox

Fluid

MOBIL SHC 632 (--- 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	history 1	history 2
Sample Number	Client Info	WC0748027	---	---
Sample Date	Client Info	24 Mar 2023	---	---
Machine Age	hrs Client Info	81133	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history 1	history 2
Iron ppm	ASTM D5185m >200	4	---	---
Chromium ppm	ASTM D5185m >10	0	---	---
Nickel ppm	ASTM D5185m >10	0	---	---
Titanium ppm	ASTM D5185m	0	---	---
Silver ppm	ASTM D5185m	0	---	---
Aluminum ppm	ASTM D5185m >25	0	---	---
Lead ppm	ASTM D5185m >50	0	---	---
Copper ppm	ASTM D5185m >200	0	---	---
Tin ppm	ASTM D5185m >10	0	---	---
Vanadium ppm	ASTM D5185m	0	---	---
Cadmium ppm	ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history 1	history 2
Boron ppm	ASTM D5185m	0	---	---
Barium ppm	ASTM D5185m	0	---	---
Molybdenum ppm	ASTM D5185m	0	---	---
Manganese ppm	ASTM D5185m	<1	---	---
Magnesium ppm	ASTM D5185m	1	---	---
Calcium ppm	ASTM D5185m	0	---	---
Phosphorus ppm	ASTM D5185m	436	---	---
Zinc ppm	ASTM D5185m	0	---	---
Sulfur ppm	ASTM D5185m	150	---	---

CONTAMINANTS

method	limit/base	current	history 1	history 2
Silicon ppm	ASTM D5185m >50	22	---	---
Sodium ppm	ASTM D5185m	0	---	---
Potassium ppm	ASTM D5185m >20	<1	---	---

FLUID DEGRADATION

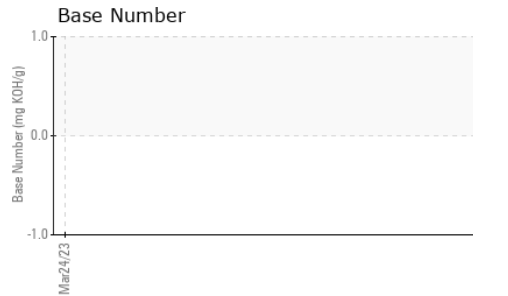
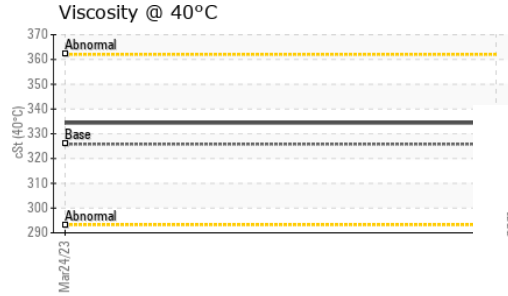
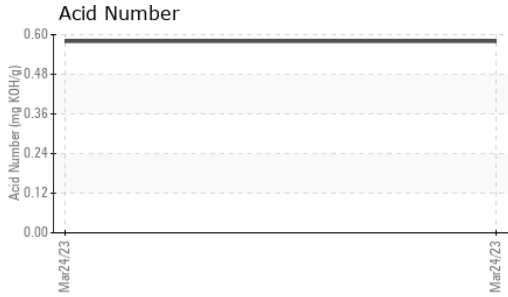
method	limit/base	current	history 1	history 2
Acid Number (AN) mg KOH/g	ASTM D8045	0.58	---	---

VISUAL

method	limit/base	current	history 1	history 2
White Metal scalar	*Visual NONE	NONE	---	---
Yellow Metal scalar	*Visual NONE	NONE	---	---
Precipitate scalar	*Visual NONE	NONE	---	---
Silt scalar	*Visual NONE	NONE	---	---
Debris scalar	*Visual NONE	LIGHT	---	---
Sand/Dirt scalar	*Visual NONE	NONE	---	---
Appearance scalar	*Visual NORML	NORML	---	---
Odor scalar	*Visual NORML	NORML	---	---
Emulsified Water scalar	*Visual >0.2	NEG	---	---
Free Water scalar	*Visual	NEG	---	---



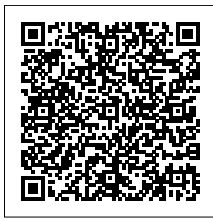
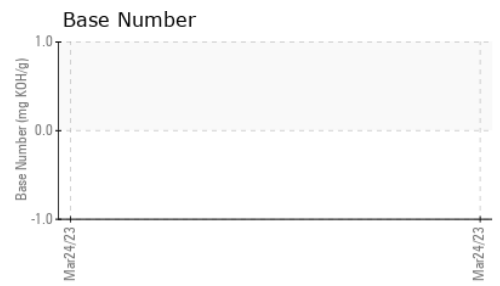
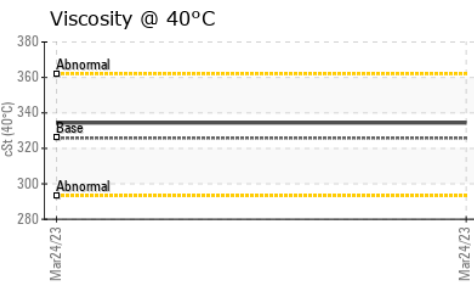
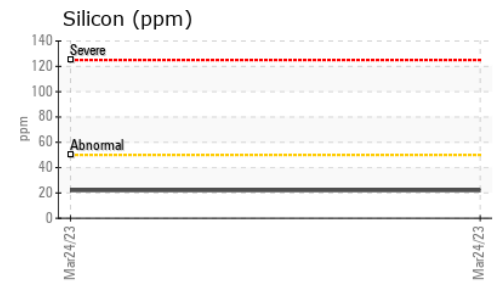
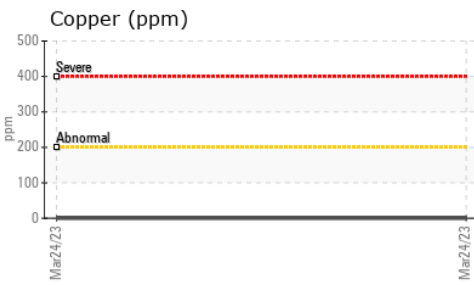
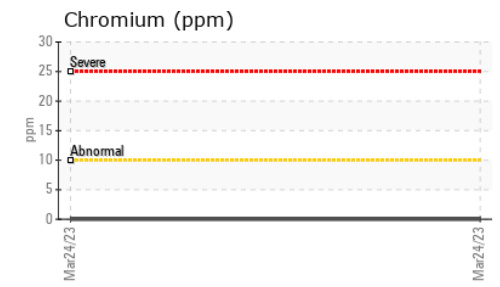
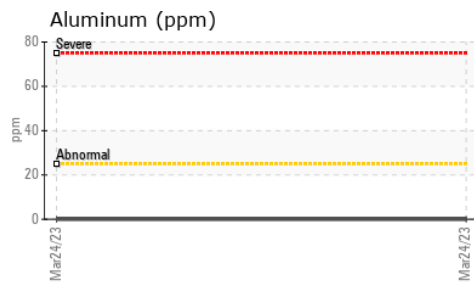
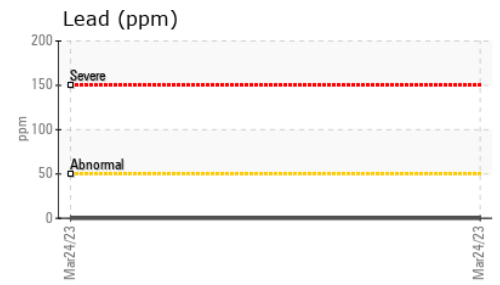
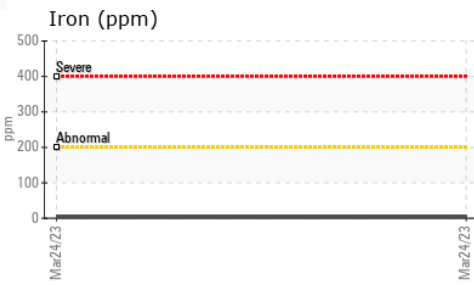
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history 1	history 2	
Visc @ 40°C	cSt	ASTM D445	325.8	334.4	---	---

SAMPLE IMAGES	method	limit/base	current	history 1	history 2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0748027 **Received** : 13 Apr 2023
Lab Number : 05818965 **Diagnosed** : 19 Apr 2023
Unique Number : 10427048 **Diagnostician** : Jonathan Hester
Test Package : MOB 2 (Additional Tests: TBN)

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 2677 RIVERVIEW RD
 AKRON, OH
 US 44313
 Contact: ERIC FOX
 ericf@kbbioenergy.com;jwatson@wearcheckusa.com
 T: (330)864-2621
 F: (330)864-7023

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)