

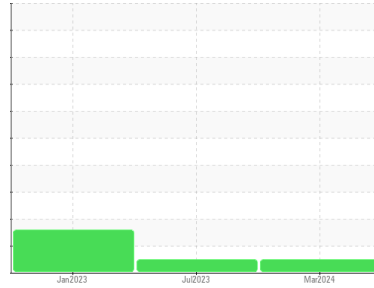
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
Midwest PGM
 Machine Id
FUCHS 340 fuchs mh1340 (S/N 340/ 2001)
 Component
Rear Left Final Drive
 Fluid
GEAR OIL SAE 80W90 (--- 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 condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0115480	LW0007284	LW0006321
Sample Date	Client Info		27 Mar 2024	11 Jul 2023	11 Jan 2023
Machine Age	hrs	Client Info	14765	14352	14066
Oil Age	hrs	Client Info	14765	14352	14066
Oil Changed	Client Info		Not Changed	Not Changd	Not Changed
Sample Status			NORMAL	NORMAL	ABNORMAL

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 >500	117	103	▲ 612
Chromium	ppm	ASTM D5185m >10	1	1	6
Nickel	ppm	ASTM D5185m >10	<1	<1	<1
Titanium	ppm	ASTM D5185m	0	0	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	<1	1	7
Lead	ppm	ASTM D5185m >25	0	<1	2
Copper	ppm	ASTM D5185m >50	22	22	▲ 98
Tin	ppm	ASTM D5185m >10	0	0	<1
Vanadium	ppm	ASTM D5185m	0	<1	0
Cadmium	ppm	ASTM D5185m	0	<1	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	0	0	5
Barium	ppm	ASTM D5185m 200	0	6	22
Molybdenum	ppm	ASTM D5185m 12	0	0	<1
Manganese	ppm	ASTM D5185m	4	3	13
Magnesium	ppm	ASTM D5185m 12	0	2	2
Calcium	ppm	ASTM D5185m 150	4	8	14
Phosphorus	ppm	ASTM D5185m 1650	313	288	284
Zinc	ppm	ASTM D5185m 125	8	24	86
Sulfur	ppm	ASTM D5185m 22500	29459	27759	29087

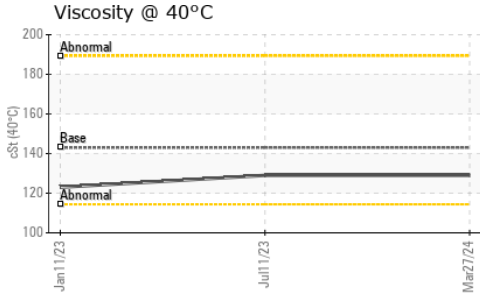
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	13	12	15
Sodium	ppm	ASTM D5185m >170	3	3	15
Potassium	ppm	ASTM D5185m >20	0	2	19

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual NONE	NONE	MODER	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
Free Water	scalar	*Visual	NEG	NEG	NEG

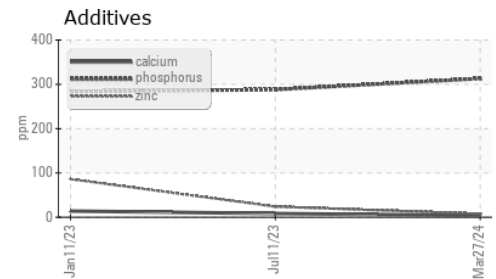
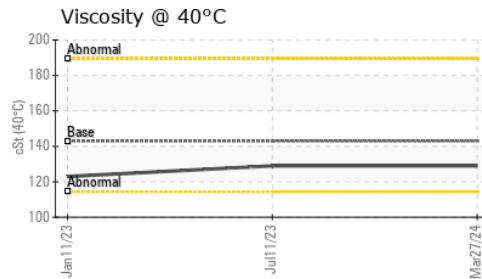
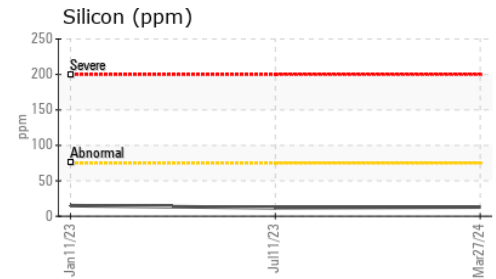
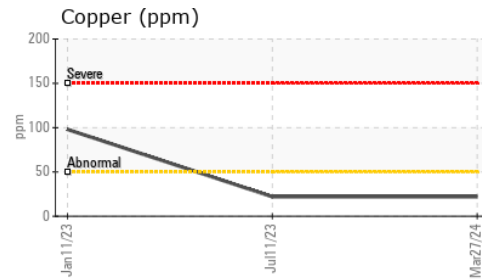
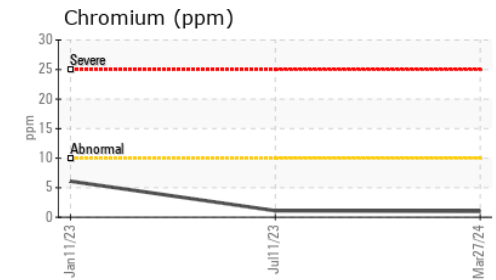
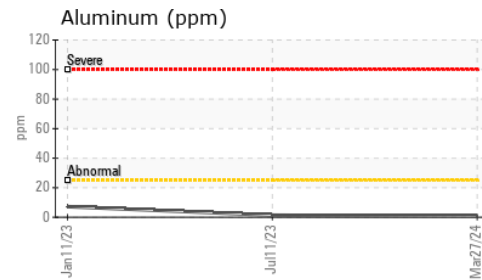
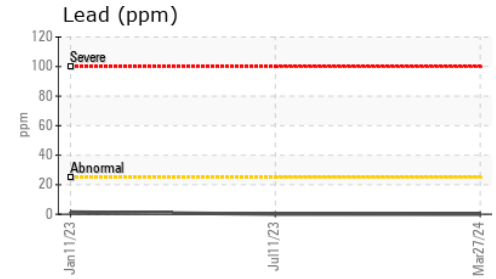
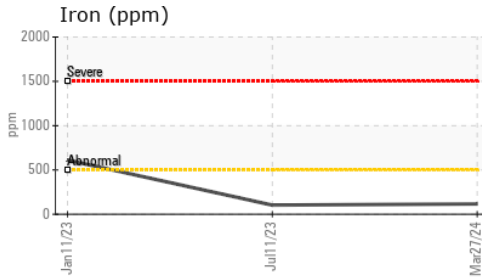
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	143	129	129	123

SAMPLE IMAGES	method	limit/base	current	history1	history2	
Color				no image	no image	no image
Bottom				no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0115480
Lab Number : 06136685
Unique Number : 10956150
Test Package : MOB 1

Received : 02 Apr 2024
Tested : 03 Apr 2024
Diagnosed : 04 Apr 2024 - Don Baldrige

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 3142 EAST LINCOLN
 LYNWOOD, IL
 US 60411-7728
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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)