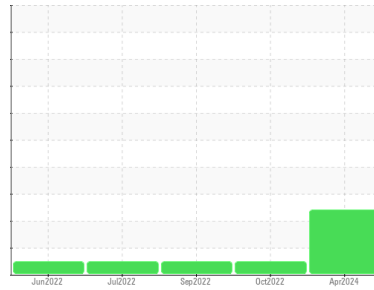




OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id
10061537 (S/N 28810606)
 Component
Gearbox
 Fluid
LUBRIPLATE SFGO ULTRA 220 (--- GAL)

DIAGNOSIS

Recommendation

We advise that you check for the source of water entry. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Appearance is hazy There is a light concentration of water present in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		USP0006456	USP240814	USP240509
Sample Date	Client Info		12 Apr 2024	15 Oct 2022	13 Sep 2022
Machine Age	hrs	Client Info	0	5177	5136
Oil Age	hrs	Client Info	0	213	172
Oil Changed	Client Info		N/A	Not Changd	Not Changd
Sample Status			ABNORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	11	8	8
Chromium	ppm	ASTM D5185m >15	<1	0	0
Nickel	ppm	ASTM D5185m >15	0	0	0
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m	<1	0	<1
Aluminum	ppm	ASTM D5185m >25	1	0	0
Lead	ppm	ASTM D5185m >100	1	2	2
Copper	ppm	ASTM D5185m >200	2	2	4
Tin	ppm	ASTM D5185m >25	1	2	3
Vanadium	ppm	ASTM D5185m	<1	0	0
Cadmium	ppm	ASTM D5185m	<1	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0
Barium	ppm	ASTM D5185m	0	1	0
Molybdenum	ppm	ASTM D5185m	0	0	0
Manganese	ppm	ASTM D5185m	0	0	0
Magnesium	ppm	ASTM D5185m	<1	<1	0
Calcium	ppm	ASTM D5185m	4	0	0
Phosphorus	ppm	ASTM D5185m	147	139	141
Zinc	ppm	ASTM D5185m	2	4	2
Sulfur	ppm	ASTM D5185m	2043	2365	2073

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	4	3	3
Sodium	ppm	ASTM D5185m	2	0	0
Potassium	ppm	ASTM D5185m >20	2	<1	0
Water	%	ASTM D6304 >0.2	▲ 0.212	0.005	0.007
ppm Water	ppm	ASTM D6304 >2000	▲ 2124	53.8	77.2

FLUID CLEANLINESS

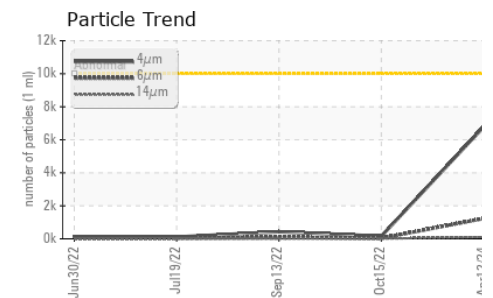
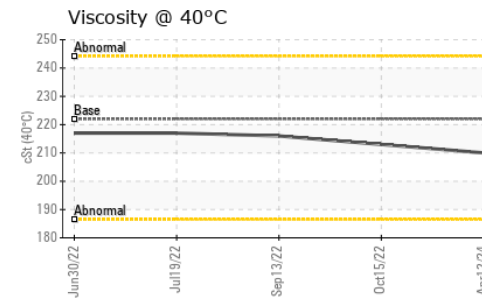
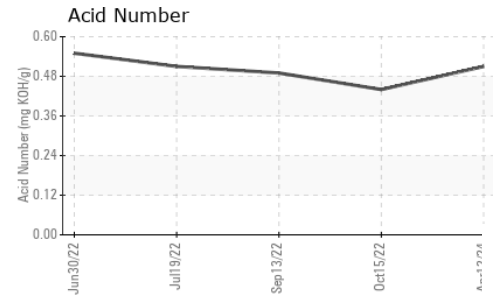
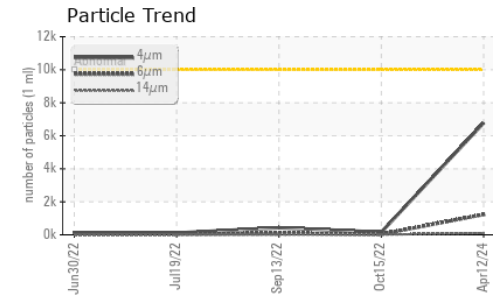
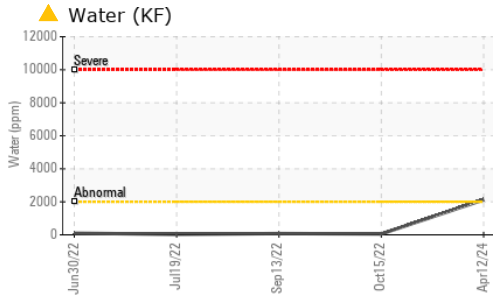
	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>10000	6779	161	429
Particles >6µm	ASTM D7647	>2500	1235	36	87
Particles >14µm	ASTM D7647	>640	107	8	7
Particles >21µm	ASTM D7647	>160	29	3	3
Particles >38µm	ASTM D7647	>40	2	1	1
Particles >71µm	ASTM D7647	>10	0	0	0
Oil Cleanliness	ISO 4406 (c)	>20/18/16	20/17/14	15/12/10	16/14/10

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.51	0.44	0.49



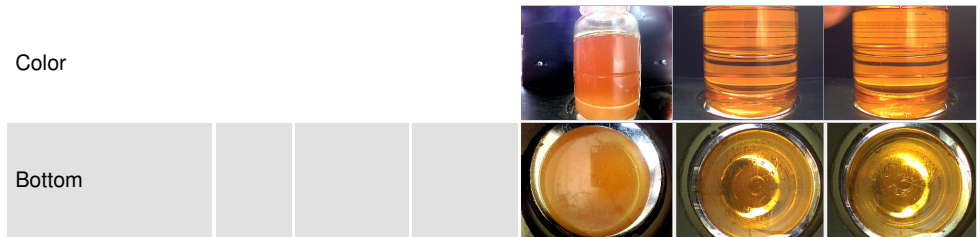
OIL ANALYSIS REPORT



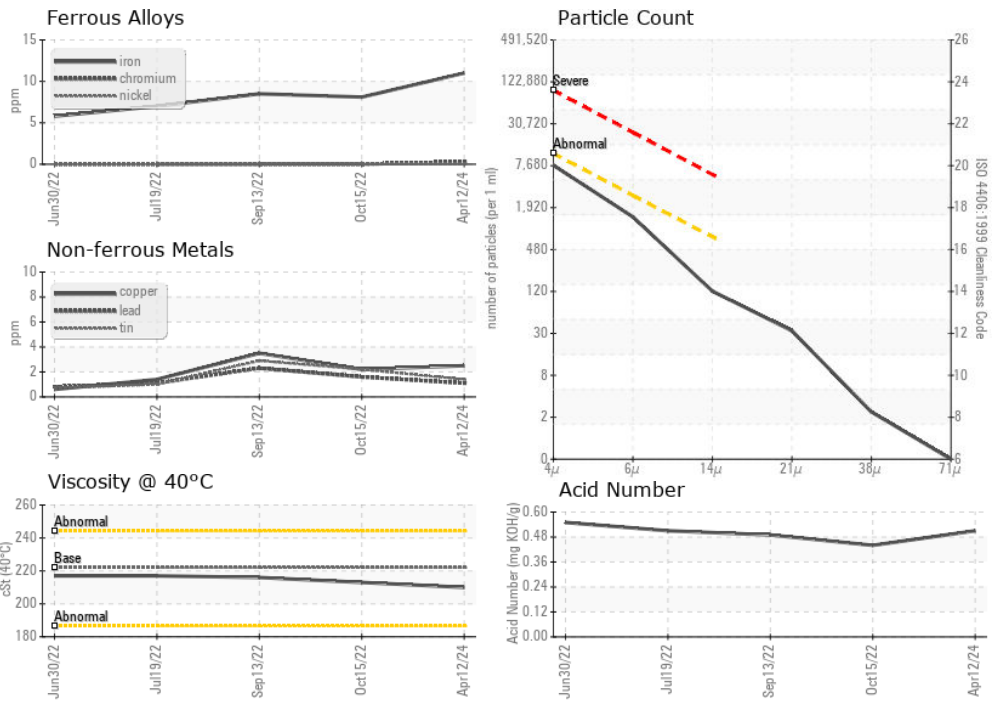
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	HAZY	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	0.2%	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 222	210	213	216

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : USP0006456
 Lab Number : 06154422
 Unique Number : 10989845
 Test Package : IND 2

Received : 19 Apr 2024
 Tested : 24 Apr 2024
 Diagnosed : 24 Apr 2024 - Jonathan Hester

KraftHeinz - Lowville - Plant 8322 PCA
 7388 UTICA BLVD
 LOWVILLE, NY
 US 13367

Contact: BRIAN HULL
 brian.hull2@kraftheinz.com
 T: (315)376-1026

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)