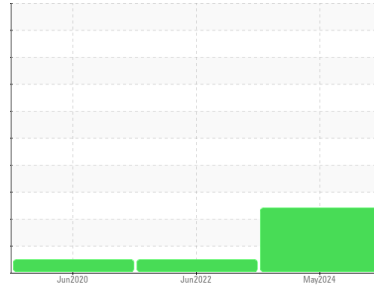


OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area

STUFF ROOM C [98983051]

Machine Id

KR-GR-003479 - FEED SCREW (S/N STUFF C - 11513124)

Component

Gearbox

Fluid

SCHAEFFER 293A SUPREME GEAR LUBE NO TACK 220 (2 QTS)

DIAGNOSIS

Recommendation

We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We advise that you inspect for the source(s) of wear. Resample at the next service interval to monitor.

Wear

The iron level is abnormal. All other component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PCA0124754	PCA0071643	PCA0021083
Sample Date	Client Info	24 May 2024	18 Jun 2022	14 Jun 2020
Machine Age	hrs	0	0	0
Oil Age	hrs	0	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		ABNORMAL	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	▲ 268	18	15
Chromium	ppm ASTM D5185m >15	4	0	<1
Nickel	ppm ASTM D5185m >15	<1	0	0
Titanium	ppm ASTM D5185m	<1	0	0
Silver	ppm ASTM D5185m	0	0	0
Aluminum	ppm ASTM D5185m >25	2	<1	<1
Lead	ppm ASTM D5185m >100	<1	0	<1
Copper	ppm ASTM D5185m >200	<1	0	<1
Tin	ppm ASTM D5185m >25	<1	0	0
Antimony	ppm ASTM D5185m >5	---	---	2
Vanadium	ppm ASTM D5185m	0	0	0
Cadmium	ppm ASTM D5185m	<1	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	8	9	4
Barium	ppm ASTM D5185m	4	0	1
Molybdenum	ppm ASTM D5185m	<1	3	0
Manganese	ppm ASTM D5185m	2	<1	<1
Magnesium	ppm ASTM D5185m	3	<1	1
Calcium	ppm ASTM D5185m	19	5	3
Phosphorus	ppm ASTM D5185m	331	395	322
Zinc	ppm ASTM D5185m	42	0	14
Sulfur	ppm ASTM D5185m	15129	5166	15075

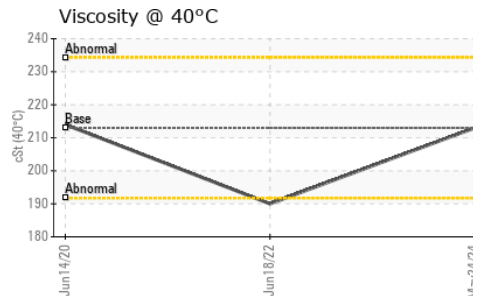
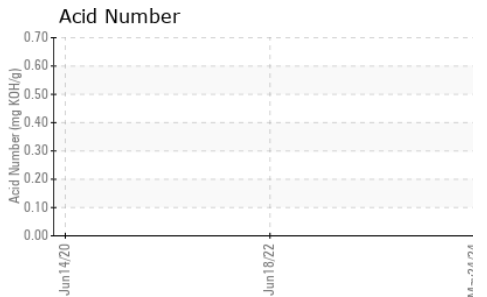
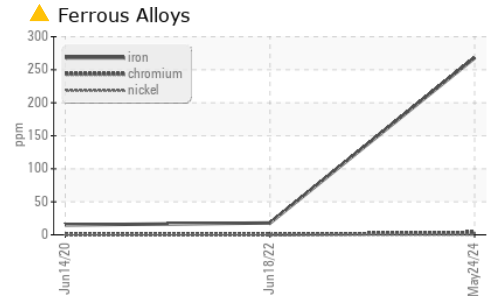
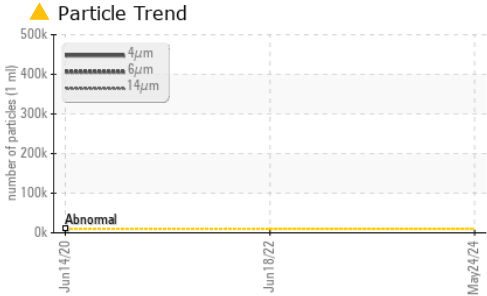
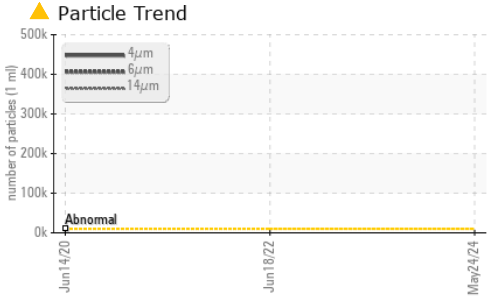
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >50	3	1	3
Sodium	ppm ASTM D5185m	<1	0	2
Potassium	ppm ASTM D5185m >20	1	<1	1

FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >10000	▲ 464599	---	---
Particles >6µm	ASTM D7647 >2500	▲ 325130	---	---
Particles >14µm	ASTM D7647 >640	▲ 5245	---	---
Particles >21µm	ASTM D7647 >160	72	---	---
Particles >38µm	ASTM D7647 >40	0	---	---
Particles >71µm	ASTM D7647 >10	0	---	---
Oil Cleanliness	ISO 4406 (c) >20/18/16	▲ 26/26/20	---	---

OIL ANALYSIS REPORT

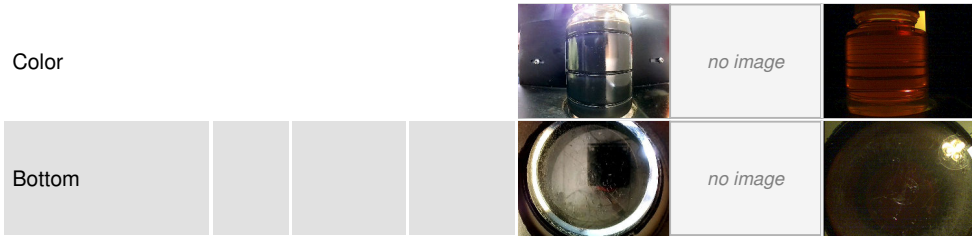


FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.69	---	---

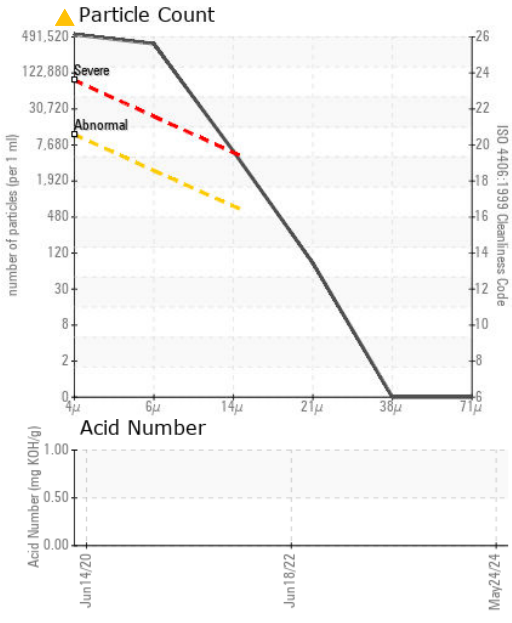
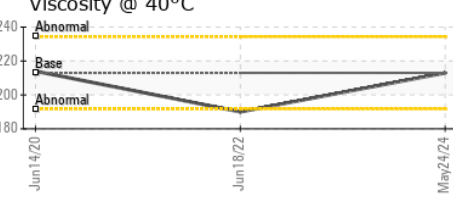
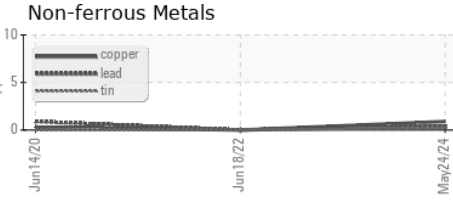
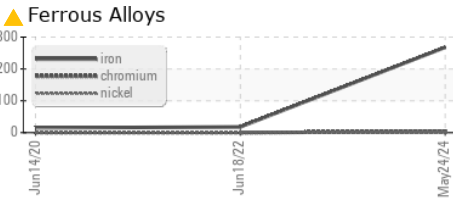
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual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

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	213	213	190	214

SAMPLE IMAGES method limit/base current history1 history2



GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0124754 **Received** : 30 May 2024
Lab Number : **06195358** **Tested** : 31 May 2024
Unique Number : 11057481 **Diagnosed** : 31 May 2024 - Angela Borella
Test Package : IND 2 (Additional Tests: PrtCount)

KraftHeinz - Kirksville - Plant 8333 PCA
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 KIRKSVILLE, MO
 US 63501
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 wallace.ward@kraftheinzcompany.com
 T: (660)627-1031
 F: (660)627-5887

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)