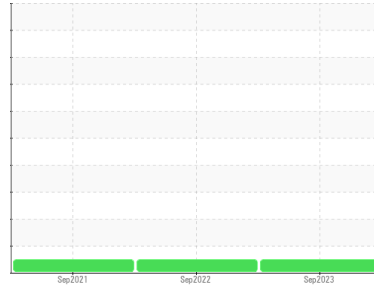


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
[98420125]

Machine Id
JBT spiral exterior gearbox

Component
Gearbox

Fluid
JBT H1 S46 FG (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. 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	PCA0099621	PCA0078705	PCA0056145
Sample Date	Client Info	08 Sep 2023	07 Sep 2022	13 Sep 2021
Machine Age	hrs Client Info	0	0	0
Oil Age	hrs Client Info	0	0	0
Oil Changed	Client Info	N/A	N/A	Not Changd
Sample Status		NORMAL	NORMAL	NORMAL

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>200	<1	<1	<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	0
Aluminum ppm ASTM D5185m	>25	0	0	0
Lead ppm ASTM D5185m	>100	0	0	0
Copper ppm ASTM D5185m	>200	0	0	<1
Tin ppm ASTM D5185m	>25	0	0	0
Antimony ppm ASTM D5185m	>5	---	---	0
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	2
Barium ppm ASTM D5185m		0	0	0
Molybdenum ppm ASTM D5185m		0	0	<1
Manganese ppm ASTM D5185m		0	0	<1
Magnesium ppm ASTM D5185m		<1	0	0
Calcium ppm ASTM D5185m		1	0	<1
Phosphorus ppm ASTM D5185m		450	507	507
Zinc ppm ASTM D5185m		9	<1	0
Sulfur ppm ASTM D5185m		500	536	460

CONTAMINANTS

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

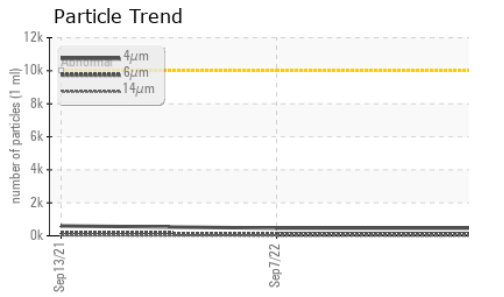
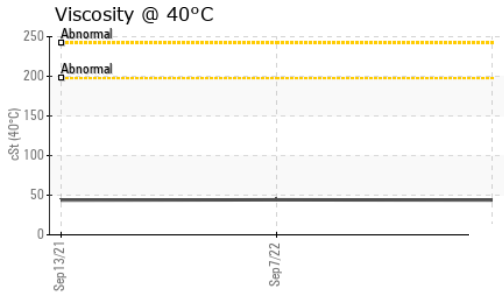
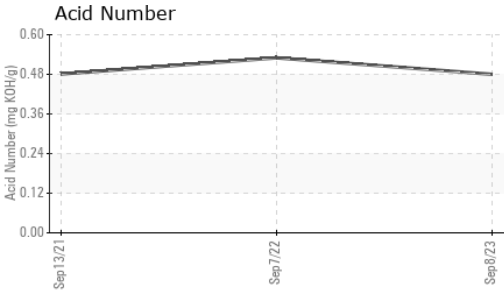
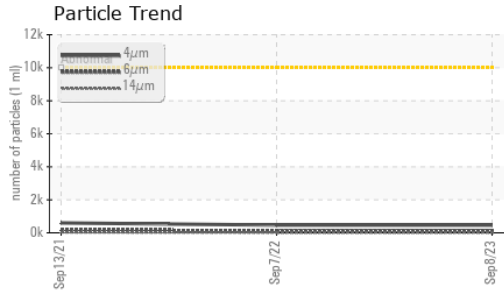
FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm ASTM D7647	>10000	464	467	600
Particles >6µm ASTM D7647	>2500	124	107	179
Particles >14µm ASTM D7647	>640	13	11	23
Particles >21µm ASTM D7647	>160	2	3	6
Particles >38µm ASTM D7647	>40	0	0	1
Particles >71µm ASTM D7647	>10	0	0	0
Oil Cleanliness ISO 4406 (c)	>20/18/16	16/14/11	16/14/11	16/15/12

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045		0.48	0.53	0.481

OIL ANALYSIS REPORT

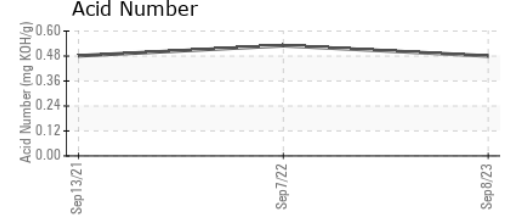
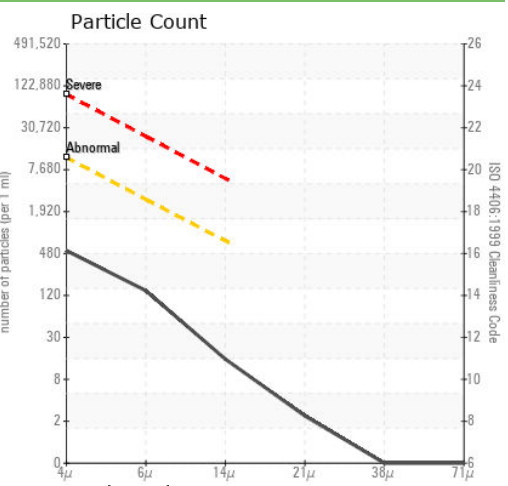
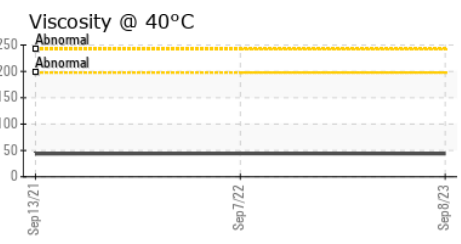
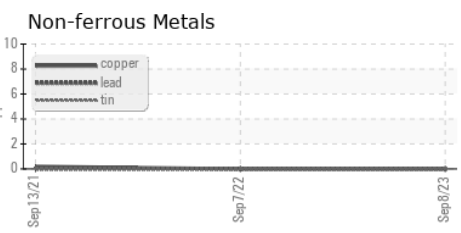
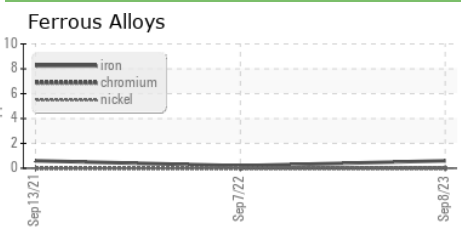


PARAMETER	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	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	43.9	44.2	43.8

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0099621 **Received** : 21 Sep 2023
Lab Number : **05957598** **Diagnosed** : 22 Sep 2023
Unique Number : 10658811 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: PrtCount)

KraftHeinz - New Ulm - Plant 8302
 2525 S BRIDGE STREET
 NEW ULM, MN
 US 56073
 Contact: RYAN SCHMID
 ryan.schmid@kraftheinz.com
 T: (507)568-0338
 F: (507)354-7927

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)