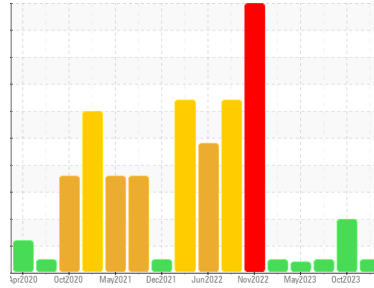


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
GRIND ROOM [98694358]
 Machine Id
KR-GR-002930 - GRINDER A1 (EAST) (S/N GRIND A - 11513021)
 Component
Gearbox
 Fluid
GEAR OIL ISO 220 (6 QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: 98694358)

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	PCA0088770	PCA0106043	PCA0101722
Sample Date	Client Info	11 Jan 2024	24 Oct 2023	31 Jul 2023
Machine Age	hrs	0	0	0
Oil Age	hrs	0	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		NORMAL	ABNORMAL	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	5	5	<1
Chromium	ppm	ASTM D5185m >15	<1	<1	1
Nickel	ppm	ASTM D5185m >15	0	0	1
Titanium	ppm	ASTM D5185m	0	0	1
Silver	ppm	ASTM D5185m	0	0	3
Aluminum	ppm	ASTM D5185m >25	2	<1	0
Lead	ppm	ASTM D5185m >100	0	0	8
Copper	ppm	ASTM D5185m >200	<1	<1	2
Tin	ppm	ASTM D5185m >25	0	<1	3
Vanadium	ppm	ASTM D5185m	0	0	2
Cadmium	ppm	ASTM D5185m	0	0	<1

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m 50	<1	<1	2
Barium	ppm	ASTM D5185m 15	0	19	0
Molybdenum	ppm	ASTM D5185m 15	<1	5	1
Manganese	ppm	ASTM D5185m	0	<1	<1
Magnesium	ppm	ASTM D5185m 50	0	0	20
Calcium	ppm	ASTM D5185m 50	<1	1	0
Phosphorus	ppm	ASTM D5185m 350	553	512	193
Zinc	ppm	ASTM D5185m 100	0	23	0
Sulfur	ppm	ASTM D5185m 12500	1323	1981	1876

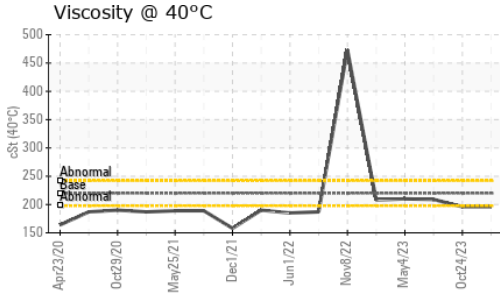
CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >50	2	4	3
Sodium	ppm	ASTM D5185m	0	2	44
Potassium	ppm	ASTM D5185m >20	<1	0	102

VISUAL

method	limit/base	current	history1	history2	
White Metal	scalar	*Visual NONE	MODER	NONE	NONE
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





OIL ANALYSIS REPORT



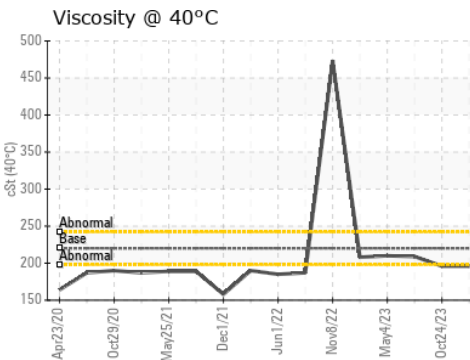
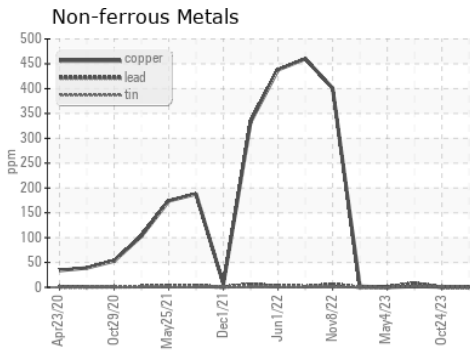
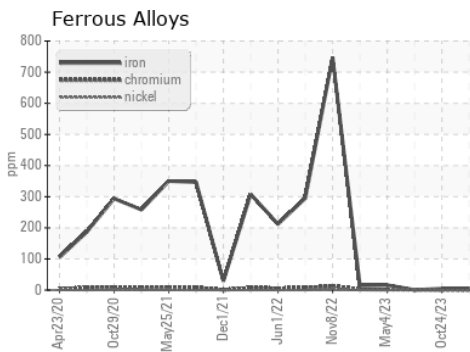
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	220	196	196

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color				
Bottom				

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0088770
Lab Number : **06066037**
Unique Number : 10842714
Test Package : IND 1

KraftHeinz - Kirksville - Plant 8333 PCA
 2504 INDUSTRIAL DR
 KIRKSVILLE, MO
 US 63501
 Contact: WALLACE WARD
 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)