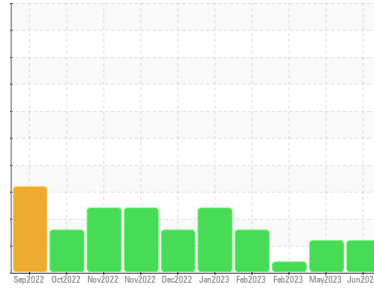


PROBLEM SUMMARY

Sample Rating Trend



CONTAMINANT



Area
Paper Cup Machines
 Machine Id
PMC 1003 POS-126 (S/N 193566)
 Component
Circulating System
 Fluid
SUMMIT Syngear SH-1032 320 (85 GAL)

COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

No corrective action is recommended at this time.
 Resample at the next service interval to monitor. (Customer Sample Comment: Quarterly oil sample cs)

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ATTENTION	ABNORMAL
Debris	scalar	*Visual	NONE	▲ MODER	▲ MODER	▲ MODER
Appearance	scalar	*Visual	NORML	▲ HAZY	▲ HAZY	NORML

Customer Id: DARDALTX
 Sample No.: TO50001771
 Lab Number: 05867877
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

25 May 2023 Diag: Doug Bogart

CONTAMINANT



We suspect abnormal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Appearance is hazy. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

view report



27 Feb 2023 Diag: Jonathan Hester

VIS DEBRIS



We suspect abnormal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

view report



23 Feb 2023 Diag: Jonathan Hester

DIRT



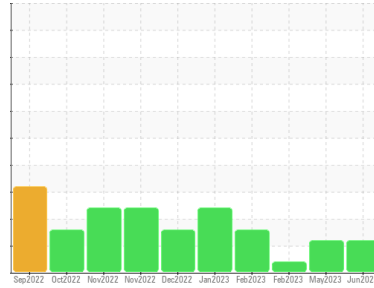
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal. The condition of the oil is acceptable for the time in service.

view report



OIL ANALYSIS REPORT

Sample Rating Trend



CONTAMINANT



Area
Paper Cup Machines
 Machine Id
PMC 1003 POS-126 (S/N 193566)
 Component
Circulating System
 Fluid
SUMMIT Syngear SH-1032 320 (85 GAL)

DIAGNOSIS

Recommendation
 No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: Quarterly oil sample cs)

Wear
 All component wear rates are normal.

Contamination
 Appearance is hazy. Moderate concentration of visible dirt/debris 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	TO50001771	TO50001769	TO50001414
Sample Date	Client Info	05 Jun 2023	25 May 2023	27 Feb 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		ABNORMAL	ATTENTION	ABNORMAL

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184	21	18	16
Iron	ppm	11	9	10
Chromium	ppm	0	0	0
Nickel	ppm	12	5	10
Titanium	ppm	<1	0	<1
Silver	ppm	0	0	0
Aluminum	ppm	<1	<1	<1
Lead	ppm	0	0	0
Copper	ppm	2	2	1
Tin	ppm	<1	0	0
Vanadium	ppm	0	0	0
Cadmium	ppm	<1	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	94	86	84
Barium	ppm	0	0	0
Molybdenum	ppm	0	0	0
Manganese	ppm	<1	0	1
Magnesium	ppm	0	0	5
Calcium	ppm	0	1	2
Phosphorus	ppm	458	513	418
Zinc	ppm	0	0	5
Sulfur	ppm	7802	8243	7392

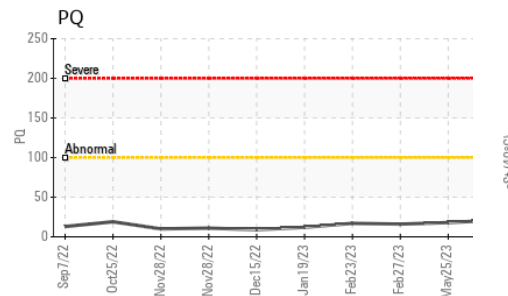
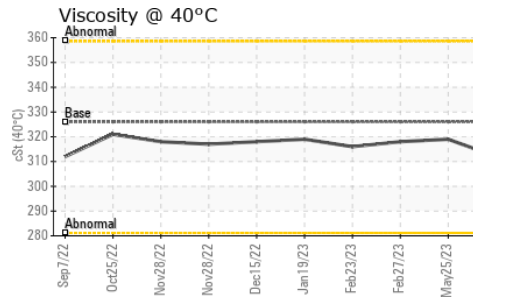
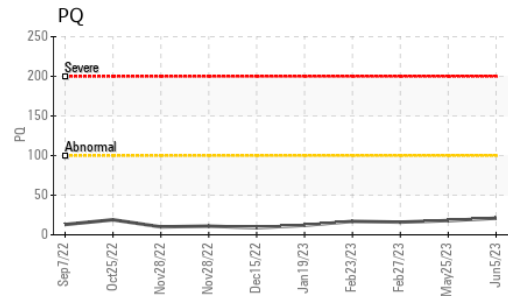
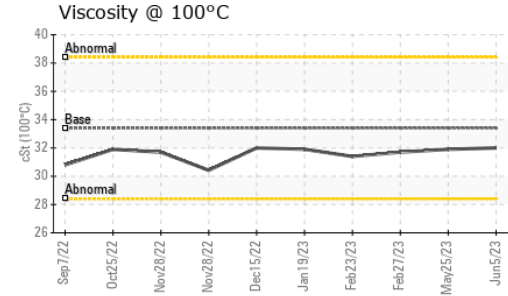
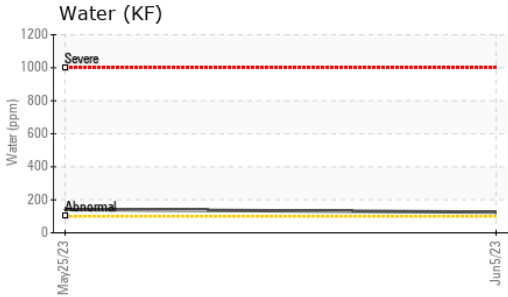
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	6239	2368	4678
Sodium	ppm	<1	2	<1
Potassium	ppm	0	<1	<1
Water	%	0.012	0.014	---
ppm Water	ppm	125.5	141.6	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	0.67	0.67	---

OIL ANALYSIS REPORT



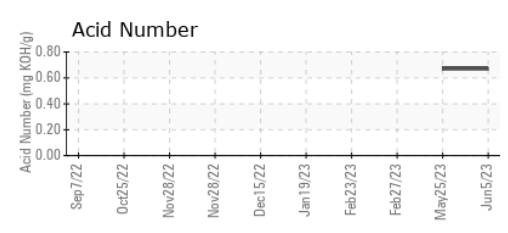
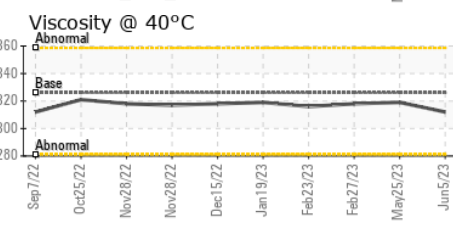
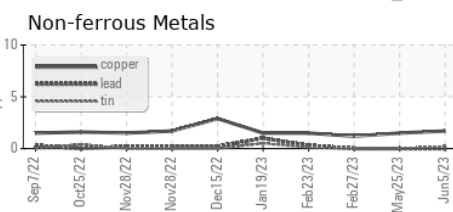
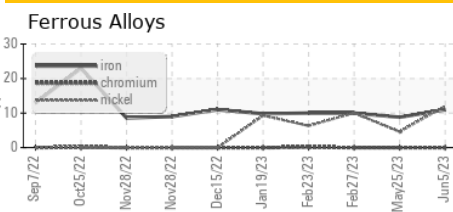
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	▲ MODER	▲ MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	326	319	318
Visc @ 100°C	cSt	ASTM D445	33.4	32.0	31.9
Viscosity Index (VI)	Scale	ASTM D2270	145	142	139

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TO50001771 **Received** : 08 Jun 2023
Lab Number : 05867877 **Diagnosed** : 15 Jun 2023
Unique Number : 10507661 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: KF, KV100, PQ, PrtCount, VI)
 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)

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