

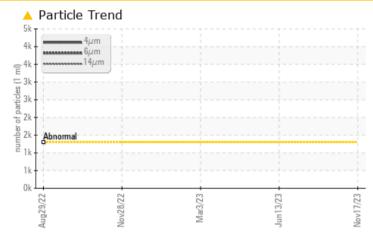
PROBLEM SUMMARY

Area Paper Cup Machines Machine Id PMC 1003 POS-421 (S/N 189465) Component

Circulating System

SUMMIT Syngear SH-1032 320 (85 GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TE	ST RESULTS				
Sample Status			ABNORMAL	ABNORMAL	NORMAL
Particles >4µm	ASTM D7647	>1300	<u> </u>		
Particles >6µm	ASTM D7647	>320	A 2218		
Particles >14µm	ASTM D7647	>80	A 377		
Particles >21µm	ASTM D7647	>20	<u> </u>		
Particles >38µm	ASTM D7647	>4	<u> </u>		
Particles >71µm	ASTM D7647	>3	<u> </u>		
Oil Cleanliness	ISO 4406 (c)	>17/15/13	1 9/18/16		

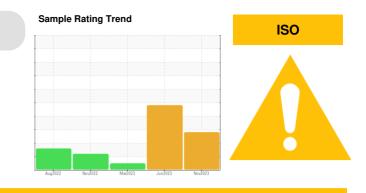
Customer Id: DARDALTX Sample No.: TO50001992 Lab Number: 06015055 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 jhester@wearcheckusa.com

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



RECOMMENDED AC	TIONS			
Action	Status	Date	Done By	Description
Change Filter			?	We recommend you service the filters on this component.

HISTORICAL DIAGNOSIS

13 Jun 2023 Diag: Jonathan Hester



We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition. We were unable to perform a particle count due to a high concentration of particles present in this sample.All component wear rates are normal. Appearance is hazy. Free water present. There is a light concentration of water present in the oil. There is a moderate amount of visible silt present in the sample. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

03 Mar 2023 Diag: Jonathan Hester



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



view report

CONTAMINANT





28 Nov 2022 Diag: Doug Bogart

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. Elemental level of silicon (Si) above normal. The condition of the oil is acceptable for the time in service.



OIL ANALYSIS REPORT

Area Paper Cup Machines Machine Id PMC 1003 POS-421 (S/N 189465) Component

Circulating System

SUMMIT Syngear SH-1032 320 (85 GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

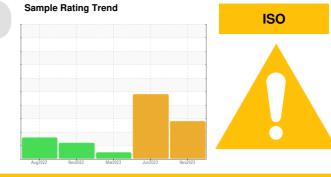
All component wear rates are normal.

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 suitable for further service.



	0001395 ar 2023
Machine Age hrs Client Info 0 0 0 Oil Age hrs Client Info 0 0 0 0 Oil Changed Client Info Not Changd N/A N/A	ar 2023
Oil Age hrs Client Info 0 0 0 Oil Changed Client Info Not Changd N/A N/A	
Oil Changed Client Info Not Changd N/A N/A	
Sample Status ABNORMAL NOR	
	MAL
WEAR METALS method limit/base current history1 h	nistory2
PQ ASTM D8184 16 18 16	
Iron ppm ASTM D5185m 15 12 11	
Chromium ppm ASTM D5185m <1 0 0	
Nickel ppm ASTM D5185m 7 9 8	
Titanium ppm ASTM D5185m <1 0 0	
Silver ppm ASTM D5185m 0 0 <1	
Aluminum ppm ASTM D5185m 2 0 <1	
Lead ppm ASTM D5185m 0 <1 <1	
Copper ppm ASTM D5185m 4 3 3	
Tin ppm ASTM D5185m <1	
Vanadium ppm ASTM D5185m 0 0 0	
Cadmium ppm ASTM D5185m <1	
	nistory2
Boron ppm ASTM D5185m 76 78 71	
Barium ppm ASTM D5185m 0 0 0	
Molybdenum ppm ASTM D5185m <1 0 0	
Manganese ppm ASTM D5185m <1 <1 1	
Magnesium ppm ASTM D5185m <1	
Calcium ppm ASTM D5185m 3 1 3	
Phosphorus ppm ASTM D5185m 502 458 45	2
Zinc ppm ASTM D5185m 0 <1 0	
	92
CONTAMINANTS method limit/base current history1 h	nistory2
Silicon ppm ASTM D5185m 5749 4503 45	86
Sodium ppm ASTM D5185m <1	
Potassium ppm ASTM D5185m >20 1 2 <1	
Water % ASTM D6304 0.024 ▲ 0.145	
ppm Water ppm ASTM D6304 245 🔺 1450	
	nistory2
FLUID CLEANLINESS method limit/base current history1 h	
Particles >4µm ASTM D7647 >1300 ▲ 4071	
Particles >4µm ASTM D7647 >1300 ▲ 4071	
Particles >4μm ASTM D7647 >1300 4071 Particles >6μm ASTM D7647 >320 42218	
Particles >4μm ASTM D7647 >1300 4071 Particles >6μm ASTM D7647 >320 A 2218 Particles >14μm ASTM D7647 >80 A 377	
Particles >4μm ASTM D7647 >1300 4071 Particles >6μm ASTM D7647 >320 4218 Particles >14μm ASTM D7647 >80 377 Particles >21μm ASTM D7647 >20 4127	

FLUID DEGRADATION Acid Number (AN) mg KOH

mg KOH/g ASTM D8045

method

limit/base

current 0.64

0.80 ---Submitted By: YON PALOMINO

history1

history2

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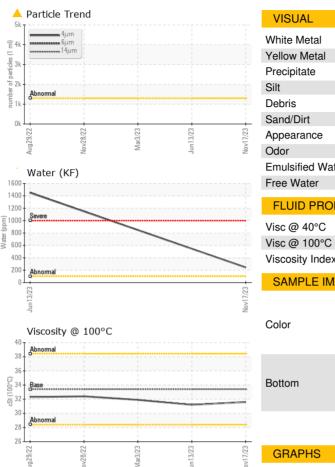
Water

0

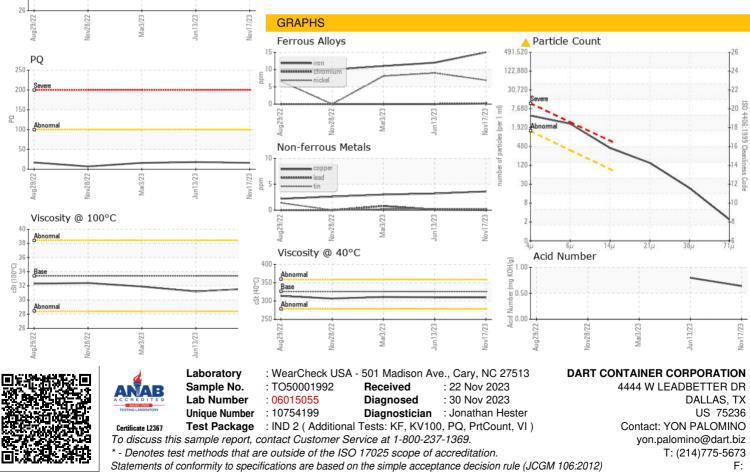
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OIL ANALYSIS REPORT







Report Id: DARDALTX [WUSCAR] 06015055 (Generated: 11/30/2023 14:56:00) Rev: 1

Submitted By: YON PALOMINO

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