

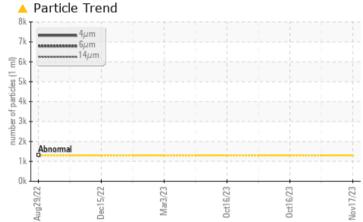
PROBLEM SUMMARY

Area Paper Cup Machines Machine Id PMC 1003 POS-426 (S/N 189471) 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.

No Oc							
PROBLEMATIC TEST RESULTS							
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL		
Particles >4µm	ASTM D7647	>1300	<u> </u>				
Particles >6µm	ASTM D7647	>320	A 3957				
Particles >14µm	ASTM D7647	>80	<u> </u>				
Particles >21µm	ASTM D7647	>20	<u> </u>				
Particles >38µm	ASTM D7647	>4	A 35				
Particles >71µm	ASTM D7647	>3	4				
Oil Cleanliness	ISO 4406 (c)	>17/15/13	A 20/19/17				

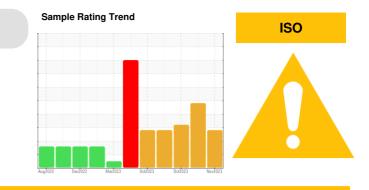
Customer Id: DARDALTX Sample No.: TO50001991 Lab Number: 06015054 Test Package: IND 2



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

16 Nov 2023 Diag: Jonathan Hester



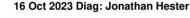
We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.All component wear rates are normal. Excessive free water present. 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.

16 Oct 2023 Diag: Jonathan Hester

WATER



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. Resample at the next service interval to monitor. 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. Excessive free water present. 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.



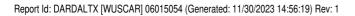
We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.All component wear rates are normal. Free water present. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



iew report

view report







OIL ANALYSIS REPORT

Paper Cup Machines PMC 1003 POS-426 (S/N 189471) 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

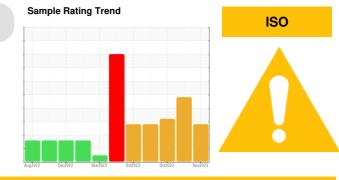
All component wear rates are normal.

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.



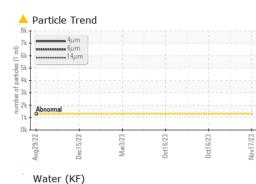
Sample Date If Nov 2023 16 Nov 2023 16 Nov 2023 16 Oct 2023 Machine Age hrs Client Info 0 0 0 Oil Age hrs Client Info 0 0 0 0 Sample Status Client Info Not Changd Not Changd N/A ABNORMAL ABNORMAL ABNORMAL ABNORMAL ABNORMAL WEAR METALS method limit/base current history1 history2 PQ ASTM D5185m <1	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 0 0 0 Oil Age hrs Client Info 0 0 0 Sample Status Client Info Not Changd ABNORMAL ABNORMAL ABNORMAL WEAR METALS method limi/base current history1 history2 PQ ASTM D5185n 11 10 12 Chromium ppm ASTM D5185n <1 <1 0 Nickel ppm ASTM D5185n <1 <1 0 Nickel ppm ASTM D5185n <1 <1 0 Nickel ppm ASTM D5185n <1 <1 0 Auminum ppm ASTM D5185n <2 2 <1 Lead ppm ASTM D5185n <2 2 <1 Vanadum ppm ASTM D5185n <2 <2 <1 Vanadum ppm ASTM D5185n <4 <1 0 Astm D5185n <4 <1 <1 0 Astm D5185n <4 <1 <1 0 Astm D5185n <4 <1 <1 0 Astm D5185n <4 <4 <1	Sample Number		Client Info		TO50001991	TO50001753	TO50001176
Oil Age hrs Client Info 0 0 0 Oil Changed Client Info Not Changd Not Changd N/A Sample Status Imit Method Imit/base current history1 history2 PQ ASTM D8184 13 16 13 Iron ppm ASTM D5155n -1 <1 0 Nickel ppm ASTM D5155n -1 <1 0 Sliver ppm ASTM D5155n -1 <1 0 Sliver ppm ASTM D5155n -1 <1 0 Sliver ppm ASTM D5155n -1 <1 0 Copper ppm ASTM D5155n -2 2 <1 Cadmium ppm ASTM D5155n -1 <1 0 Cadmium ppm ASTM D5155n -2 2 2 Tin ppm ASTM D5155n -1 <1 0 Cadmium ppm ASTM D5155n -1 <1 0 ASTM D5155n -1 <1 0 0 0 Cadmium ppm ASTM D5155n -1 <1 0 Manganese ppm <t< th=""><th>Sample Date</th><th></th><th>Client Info</th><th></th><th>17 Nov 2023</th><th>16 Nov 2023</th><th>16 Oct 2023</th></t<>	Sample Date		Client Info		17 Nov 2023	16 Nov 2023	16 Oct 2023
Oli Changed Client Info Not Changd ABNORMAL Not Changd ABNORMAL N/A ABNORMAL WEAR METALS method limit/base current history1 history2 PQ ASTM D6184 13 16 13 Iron ppm ASTM D5185m <1	Machine Age	hrs	Client Info		0	0	0
Sample Status Image: March Mark Mather Mathem Mather Mather Mather Mather Mathem Mather	Oil Age	hrs	Client Info		0	0	0
WEAR METALS method limit/base current history1 history2 PQ ASTM D6184 13 16 13 Iron ppm ASTM D5185m <1 10 12 Chromium ppm ASTM D5185m <1 <1 0 Nickel ppm ASTM D5185m <1 <1 0 Silver ppm ASTM D5185m <1 <1 0 Silver ppm ASTM D5185m 2 2 <1 Lead ppm ASTM D5185m 2 2 2 Tin ppm ASTM D5185m 2 2 2 Copper ppm ASTM D5185m 0 0 0 Cadmium ppm ASTM D5185m 98 97 600 Boron ppm ASTM D5185m <1 <1 0 Galoium ppm ASTM D5185m <1 <1 0 Magnesium ppm ASTM D	Oil Changed		Client Info		Not Changd	Not Changd	N/A
PQ ASTM D8184 13 16 13 Iron ppm ASTM D5185m <1 10 12 Chromium ppm ASTM D5185m <1 <1 0 Nickel ppm ASTM D5185m <1 <1 0 Nickel ppm ASTM D5185m <1 <1 0 Silver ppm ASTM D5185m <1 <1 0 Aluminum ppm ASTM D5185m 2 2 <1 Lead ppm ASTM D5185m 2 2 2 Tin ppm ASTM D5185m 2 2 2 Yanadium ppm ASTM D5185m 0 0 0 Cadmium ppm ASTM D5185m <1 <1 0 Addium ppm ASTM D5185m <1 <1 0 Addium ppm ASTM D5185m <1 <1 0 Addium ppm ASTM D5185m <1<	Sample Status				-	ABNORMAL	ABNORMAL
Iron ppm ASTM D5185m 11 10 12 Chromium ppm ASTM D5185m <1 <1 0 Nickel ppm ASTM D5185m <16 8 12 Titanium ppm ASTM D5185m <1 <1 0 Silver ppm ASTM D5185m 2 2 <1 Lead ppm ASTM D5185m 2 2 2 Copper ppm ASTM D5185m 2 2 2 Vanadium ppm ASTM D5185m 0 0 0 Copper ppm ASTM D5185m 0 0 0 Addmium ppm ASTM D5185m 98 97 60 Barium ppm ASTM D5185m <1 <1 0 Molybdenum ppm ASTM D5185m <1 <1 0 Molybdenum ppm ASTM D5185m <1 <1 0 Calcium ppm	WEAR METALS		method	limit/base	current	history1	history2
Iron ppm ASTM D5185m 11 10 12 Chromium ppm ASTM D5185m <1	PQ		ASTM D8184		13	16	13
Chromium ppm ASTM D5185m <1 <1 <1 0 Nickel ppm ASTM D5185m 16 8 12 Titanium ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m 2 2 <1	Iron	maa	ASTM D5185m			10	12
Nickel ppm ASTM D5185m 16 8 12 Titanium ppm ASTM D5185m <1							0
Titanium ppm ASTM D5185m <1							
Silver ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m 2 2 <1							
Aluminum ppm ASTM D5185m 2 2 <1 Lead ppm ASTM D5185m 2 2 2 2 Copper ppm ASTM D5185m 2 2 2 2 Tin ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 98 97 60 Barium ppm ASTM D5185m 98 97 60 Barium ppm ASTM D5185m 98 97 60 Barium ppm ASTM D5185m 41 <1 0 Magnesium ppm ASTM D5185m <1 <1 <1 0 Calcium ppm ASTM D5185m <1 <1 <1 <1 <1 Plosphorus ppm ASTM D5185m <0 0 0 0 0 0 <th< td=""><td>Silver</td><td></td><td></td><td></td><th></th><td>0</td><td>0</td></th<>	Silver					0	0
Lead ppm ASTM D5185m <1 <1 0 Copper ppm ASTM D5185m 2 2 2 Tin ppm ASTM D5185m 0 0 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 98 97 60 Barium ppm ASTM D5185m 1 1 1 Magnesee ppm ASTM D5185m 1 1 1 Magnesium ppm ASTM D5185m 1 416 0 Calcium ppm ASTM D5185m 4 495 486 466 Zinc ppm ASTM D5185m 1 4651 6997 5483 Sodium ppm ASTM D5185m 0 0 1 0 <td>Aluminum</td> <td></td> <td></td> <td></td> <th></th> <td></td> <td></td>	Aluminum						
Copper ppm ASTM D5185m 2 2 2 Tin ppm ASTM D5185m 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 98 97 60 Barium ppm ASTM D5185m 98 97 60 Magnaese ppm ASTM D5185m 0 0 0 Magnesium ppm ASTM D5185m <1							
Tim ppm ASTM D5185m <1 <1 <1 <1 Vanadium ppm ASTM D5185m 0 0 0 Cadmium ppm ASTM D5185m <1							
Vanadium ppm ASTM D5185m 0 0 0 Cadmium ppm ASTM D5185m <1							
Cadmium ppm ASTM D5185m <1 <1 <1 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 98 97 60 Barium ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m <1 <1 <1 0 Calcium ppm ASTM D5185m <1 <1 <1 0 Calcium ppm ASTM D5185m <1 <1 0 0 Calcium ppm ASTM D5185m <1 <1 <1 0 Calcium ppm ASTM D5185m <1495 486 466 Zinc ppm ASTM D5185m 0 0 0 0 Sulfur ppm ASTM D5185m 14651 6997 5483 Sodium ppm ASTM D5185m 0 0 1 0 Potta							
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 98 97 60 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m <1					-		
Boron ppm ASTM D5185m 98 97 60 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m <1 <1 0 Manganese ppm ASTM D5185m <1 <1 0 Magnesium ppm ASTM D5185m <1 <1 0 Calcium ppm ASTM D5185m <1 <1 0 Calcium ppm ASTM D5185m <13 3 <1 Phosphorus ppm ASTM D5185m <495 486 466 Zinc ppm ASTM D5185m <0 0 0 0 Sulfur ppm ASTM D5185m <7443 8403 6615 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 0 0 0 1 Potassium ppm ASTM D5185m 20 <1		pp		11			-
Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m <1 <1 0 Maganese ppm ASTM D5185m <1 <1 0 Magnesium ppm ASTM D5185m <1 <1 0 Calcium ppm ASTM D5185m <1 <1 0 Calcium ppm ASTM D5185m <1 <1 0 Calcium ppm ASTM D5185m <495 486 466 Zinc ppm ASTM D5185m <0 0 0 Sulfur ppm ASTM D5185m <0 0 0 Solicon ppm ASTM D5185m <0 0 1 Potassium ppm ASTM D5185m <0 0 1 Vater % ASTM D5185m >20 <1 <1 0 FLUID CLEANLINESS method limit/base current history1 history2 </th <th></th> <th></th> <th></th> <th>limit/base</th> <th></th> <th></th> <th></th>				limit/base			
Molybdenum ppm ASTM D5185m <1	Boron	ppm	ASTM D5185m				
Manganese ppm ASTM D5185m <1		ppm	ASTM D5185m		-		
Magnesium ppm ASTM D5185m <1		ppm					
Calcium ppm ASTM D5185m 3 3 <1 Phosphorus ppm ASTM D5185m 495 486 466 Zinc ppm ASTM D5185m 0 0 0 Sulfur ppm ASTM D5185m 7443 8403 6615 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 14651 6997 5483 Sodium ppm ASTM D5185m 14651 6997 5483 Sodium ppm ASTM D5185m 0 0 1 Potassium ppm ASTM D5185m 0 0.030 0.173 0.054 ppm Water ppm ASTM D6304 0.030 0.173 0.054 particles >4µm ASTM D7647 >1300 7264 Particles >4µm ASTM D7647 >320 3957 Particles >14µm ASTM D7647 >20	-						
Phosphorus ppm ASTM D5185m 495 486 466 Zinc ppm ASTM D5185m 0 0 0 Sulfur ppm ASTM D5185m 7443 8403 6615 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 14651 6997 5483 Sodium ppm ASTM D5185m 0 0 1 Potassium ppm ASTM D5185m 20 <1 <1 0 Water % ASTM D5185m >20 <1 <1< 0 Water % ASTM D5185m >20 <1 <1< 0 Photassium ppm ASTM D5185m >20 <1 <1730 0.054 ppm Water pp ASTM D6304 0.030 0.173 0.054 Particles >4µm ASTM D7647 >1300 7264 Particles >14µm AS	-						
Zinc ppm ASTM D5185m 0 0 0 Sulfur ppm ASTM D5185m 7443 8403 6615 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 14651 6997 5483 Sodium ppm ASTM D5185m 0 0 1 Potassium ppm ASTM D5185m >20 <1					-		
SulfurppmASTM D5185m744384036615CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m1465169975483SodiumppmASTM D5185m001PotassiumppmASTM D5185m>20<1							
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m1465169975483SodiumppmASTM D5185m001PotassiumppmASTM D5185m>20<1					-		
Silicon ppm ASTM D5185m 14651 6997 5483 Sodium ppm ASTM D5185m 0 0 1 Potassium ppm ASTM D5185m >20 <1 <1 0 Water % ASTM D6304 0.0300 0.173 0.054 ppm Water ppm ASTM D6304 304 1730 540 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >1300 7264 Particles >6µm ASTM D7647 >320 3957 Particles >1µm ASTM D7647 >80 673 Particles >21µm ASTM D7647 >20 227 Particles >38µm ASTM D7647 >3 4 Particles >71µm ASTM D7647 >3 4 Oil Cleanliness ISO 4406 (c) >17/15/13 20/19/17 FLUID DEGRADATION	Sulfur	ppm	ASTM D5185m		7443	8403	6615
Sodium ppm ASTM D5185m 0 0 1 Potassium ppm ASTM D5185m >20 <1 <1 0 Water % ASTM D6304 0.030 0.173 0.054 ppm Water ppm ASTM D6304 304 1730 540 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >1300 7264 Particles >6µm ASTM D7647 >320 3957 Particles >14µm ASTM D7647 >80 673 Particles >21µm ASTM D7647 >20 227 Particles >38µm ASTM D7647 >4 35 Particles >71µm ASTM D7647 >3 4 Oil Cleanliness ISO 4406 (c) >17/15/13 20/19/17 FLUID DEGRADATION me	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 <1 <1 0 Water % ASTM D6304 0.030 0.173 0.054 ppm Water ppm ASTM D6304 304 1730 540 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >1300 7264 Particles >6µm ASTM D7647 >320 3957 Particles >14µm ASTM D7647 >80 673 Particles >21µm ASTM D7647 >20 227 Particles >38µm ASTM D7647 >3 4 Particles >71µm ASTM D7647 >3 4 Oil Cleanliness ISO 4406 (c) >17/15/13 20/19/17 FLUID DEGRADATION method limit/base current history1 history2	Silicon	ppm	ASTM D5185m		14651	6997	5483
Water % ASTM D6304 0.030 0.173 0.054 ppm Water ppm ASTM D6304 304 1730 540 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >1300 7264 Particles >6µm ASTM D7647 >320 3957 Particles >14µm ASTM D7647 >80 673 Particles >21µm ASTM D7647 >20 227 Particles >38µm ASTM D7647 >4 35 Particles >71µm ASTM D7647 >3 4 Oil Cleanliness ISO 4406 (c) >17/15/13 20/19/17 FLUID DEGRADATION method limit/base current history1 history2	Sodium	ppm	ASTM D5185m		0	0	1
ppm Water ppm ASTM D6304 304 1730 540 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >1300 7264 Particles >6µm ASTM D7647 >320 3957 Particles >6µm ASTM D7647 >80 673 Particles >1µm ASTM D7647 >20 227 Particles >38µm ASTM D7647 >4 35 Particles >71µm ASTM D7647 >3 4 Oil Cleanliness ISO 4406 (c) >1715/13 20/19/17 FLUID DEGRADATION method limit/base current history1 history2	Potassium	ppm	ASTM D5185m	>20	<1	<1	0
FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >1300 ▲ 7264 Particles >6µm ASTM D7647 >320 ▲ 3957 Particles >6µm ASTM D7647 >80 ▲ 673 Particles >14µm ASTM D7647 >20 ▲ 227 Particles >21µm ASTM D7647 >20 ▲ 227 Particles >38µm ASTM D7647 >4 ▲ 35 Particles >71µm ASTM D7647 >3 ▲ 4 Oil Cleanliness ISO 4406 (c) >17/15/13 20/19/17 FLUID DEGRADATION method limit/base current history1 history2	Water	%	ASTM D6304		0.030	0.173	0.054
Particles >4μm ASTM D7647 >1300 ▲ 7264 Particles >6μm ASTM D7647 >320 ▲ 3957 Particles >14μm ASTM D7647 >80 ▲ 673 Particles >14μm ASTM D7647 >20 ▲ 227 Particles >21μm ASTM D7647 >4 ▲ 35 Particles >38μm ASTM D7647 >4 ▲ 35 Particles >71μm ASTM D7647 >3 ▲ 4 Oil Cleanliness ISO 4406 (c) >17/15/13 ▲ 20/19/17 FLUID DEGRADATION method limit/base current history1 history2	ppm Water	ppm	ASTM D6304		304	1 730	540
Particles >6µm ASTM D7647 >320 ▲ 3957 Particles >14µm ASTM D7647 >80 ▲ 673 Particles >21µm ASTM D7647 >20 ▲ 227 Particles >38µm ASTM D7647 >4 ▲ 35 Particles >38µm ASTM D7647 >3 ▲ 4 Particles >71µm ASTM D7647 >3 ▲ 4 Oil Cleanliness ISO 4406 (c) >17/15/13 ▲ 20/19/17 FLUID DEGRADATION method limit/base current history1 history2	FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >14μm ASTM D7647 >80 ▲ 673 Particles >21μm ASTM D7647 >20 ▲ 227 Particles >38μm ASTM D7647 >4 ▲ 35 Particles >37μm ASTM D7647 >3 ▲ 4 Oil Cleanliness ISO 4406 (c) >17/15/13 ▲ 20/19/17 FLUID DEGRADATION method limit/base current history1 history2	Particles >4µm		ASTM D7647	>1300	~ 7264		
Particles >21μm ASTM D7647 >20 227 Particles >38μm ASTM D7647 >4 35 Particles >71μm ASTM D7647 >3 4 Oil Cleanliness ISO 4406 (c) >17/15/13 20/19/17 FLUID DEGRADATION method limit/base current history1 history2	Particles >6µm		ASTM D7647	>320	<u> </u>		
Particles >38μm ASTM D7647 >4 35 Particles >71μm ASTM D7647 >3 4 Oil Cleanliness ISO 4406 (c) >17/15/13 20/19/17 FLUID DEGRADATION method limit/base current history1 history2	Particles >14µm		ASTM D7647	>80	673		
Particles >71μm ASTM D7647 >3 4 Oil Cleanliness ISO 4406 (c) >17/15/13 20/19/17 FLUID DEGRADATION method limit/base current history1 history2	Particles >21µm		ASTM D7647	>20	<u> </u>		
Oil Cleanliness ISO 4406 (c) >17/15/13 ▲ 20/19/17 FLUID DEGRADATION method limit/base current history1 history2	Particles >38µm		ASTM D7647	>4	4 35		
FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>3	<u> </u>		
	Oil Cleanliness		ISO 4406 (c)	>17/15/13	A 20/19/17		
Acid Number (AN) mg KOH/g ASTM D8045 0.69 0.74 0.68	FLUID DEGRADA		method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.69	0.74	0.68

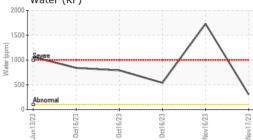
Acid Number (AN) Report Id: DARDALTX [WUSCAR] 06015054 (Generated: 11/30/2023 14:56:19) Rev: 1

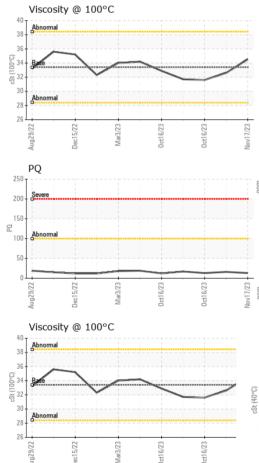
Submitted By: YON PALOMINO



OIL ANALYSIS REPORT

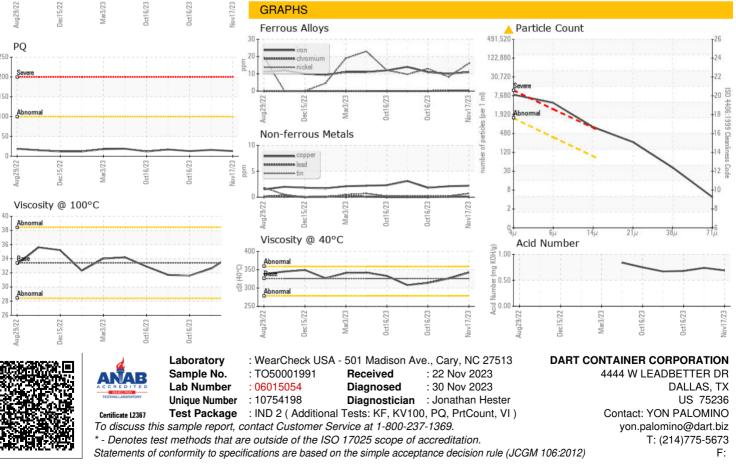






VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	🔺 MODER	A MODER
Debris	scalar	*Visual	NONE	LIGHT	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	🔺 HAZY	🔺 HAZY
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual		NEG	▲ 0.2%	0.2%
Free Water	scalar	*Visual		NEG	1 0.0	1 0.0
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	326	342	325.9	314
Visc @ 100°C	cSt	ASTM D445	33.4	34.5	32.6	31.6
Viscosity Index (VI)	Scale	ASTM D2270	145	144	140	139
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color					a	





Bottom

Submitted By: YON PALOMINO

Page 4 of 4