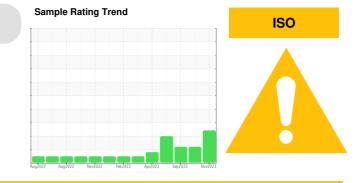
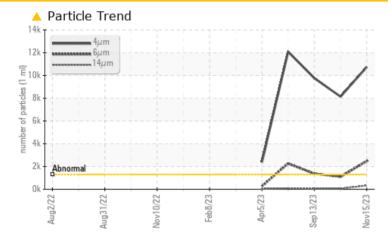


PROBLEM SUMMARY



Area Thermoforming Machine Id Line 3 C Extruder (S/N X8257) Component Bevel Helical Gearbox Fluid NOT GIVEN (18 GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS							
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL		
Particles >4µm	ASTM D7647	>1300	<u> </u>	A 8142	9757		
Particles >6µm	ASTM D7647	>320	🔺 2474	1 097	1 371		
Particles >14µm	ASTM D7647	>80	<u> </u>	61	51		
Particles >21µm	ASTM D7647	>20	<u> </u>	18	17		
Particles >38µm	ASTM D7647	>4	<u> </u>	1	1		
Oil Cleanliness	ISO 4406 (c)	>17/15/13	A 21/18/16	🔺 20/17/13	🔺 20/18/13		

Customer Id: DARDALTX Sample No.: TO50001974 Lab Number: 06013259 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 <u>don.b505@comcast.net</u>

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

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

HISTORICAL DIAGNOSIS



18 Oct 2023 Diag: Angela Borella

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



view report

13 Sep 2023 Diag: Doug Bogart



No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

18 Aug 2023 Diag: Jonathan Hester

We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.







OIL ANALYSIS REPORT

Sample Rating Trend

ISO

Area **Thermoforming** Machine Id **Line 3 C Extruder (S/N X8257)** Component

Bevel Helical Gearbox Fluid NOT GIVEN (18 GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component if applicable. 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.

		Aug2022	Aug2022 Nov2022	Feb2023 Apr2023 Sep202	23 Nov2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO50001974	TO50001619	TO50001702
Sample Date		Client Info		15 Nov 2023	18 Oct 2023	13 Sep 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		8	12	16
Iron	ppm	ASTM D5185m	>150	8	8	9
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>10	0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	<1	0
Lead	ppm	ASTM D5185m		1	<1	0
Copper	ppm	ASTM D5185m	>50	4	4	4
Tin	ppm	ASTM D5185m		4 <1	4	0
Vanadium		ASTM D5185m	>10	<1	0	0
	ppm			-		
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		<1	3	2
Calcium	ppm	ASTM D5185m		2	2	2
Phosphorus	ppm	ASTM D5185m		573	576	512
Zinc	ppm	ASTM D5185m		6	6	6
Sulfur	ppm	ASTM D5185m		641	699	860
CONTAMINANTS	6	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	12	14	13
Sodium	ppm	ASTM D5185m		0	2	1
Potassium	ppm	ASTM D5185m	>20	0	1	0
Water	%	ASTM D6304	>0.1	0.005	0.003	0.003
ppm Water	ppm	ASTM D6304	>1000	50.5	35.7	34.1
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>1300	10733	▲ 8142	▲ 9757
Particles >6µm		ASTM D7647	>320	<u> </u>	1 097	1 371
Particles >14µm		ASTM D7647	>80	A 331	61	51
Particles >21µm		ASTM D7647		<u> </u>	18	17
Particles >38µm		ASTM D7647	>4	▲ 14	1	1
Particles >71µm		ASTM D7647		2	0	0
Oil Cleanliness		ISO 4406 (c)	>17/15/13	<u> </u>	▲ 20/17/13	▲ 20/18/13
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)		ASTM D8045	-1111/0430	0.66	0.73	0.67
3:23:22) Rev: 1	mg KOH/g	MƏ HIVI DOU45		0.00	0.73 Submitted By: Y	

Report Id: DARDALTX [WUSCAR] 06013259 (Generated: 11/22/2023 18:23:22) Rev: 1

Submitted By: YON PALOMINO



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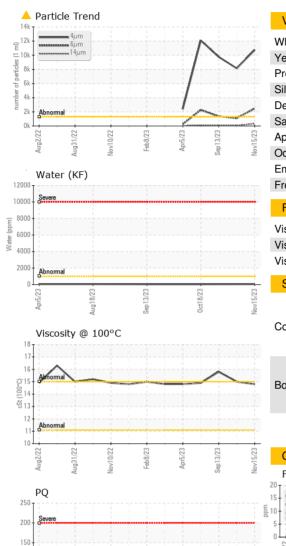
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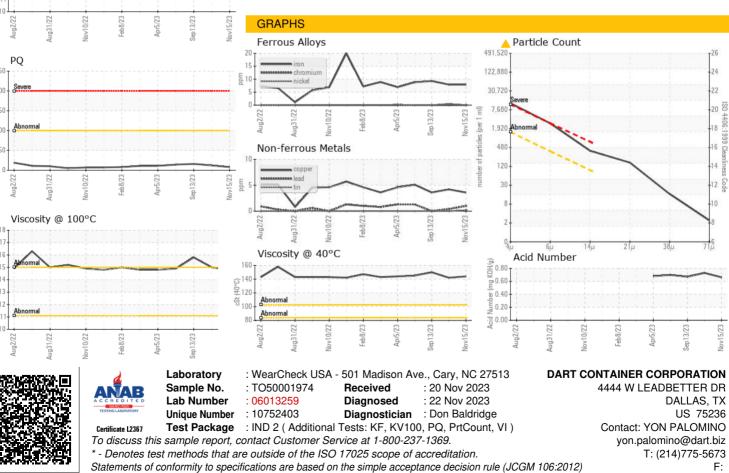
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OIL ANALYSIS REPORT



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	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	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		144	142	150
Visc @ 100°C	cSt	ASTM D445		14.8	15.0	15.8
Viscosity Index (VI)	Scale	ASTM D2270		102	106	108
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
				1 A A		

Bottom



Submitted By: YON PALOMINO