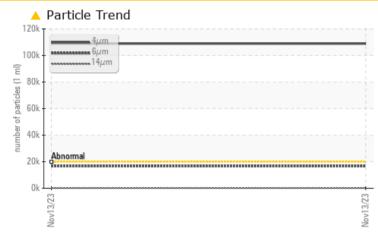


PROBLEM SUMMARY

Area **REDUCERS - GEARBOX** Machine Id **B72452**

Component Reduction Gear Fluid BELRAY NO-TOX HD FOOD GRADE OIL 220 (--- 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			
Particles >4µm	ASTM D7647	>20000	<u> </u>			
Particles >6µm	ASTM D7647	>5000	🔺 16703			
Oil Cleanliness	ISO 4406 (c)	>21/19/16	<u> </u>			

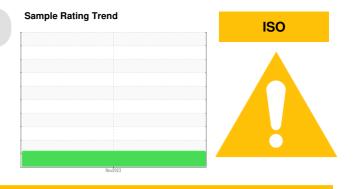
Customer Id: PAPOMA Sample No.: WC0808482 Lab Number: 06010740 Test Package: IND 2



To manage this report scan the QR code

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

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



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

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Area **REDUCERS - GEARBOX** Machine Id **B72452** Component

Reduction Gear Fluid BELRAY NO-TOX HD FOOD GRADE OIL 22

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 silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

0 (GAL)				Nov2023		
SAMPLE INFOR		method	limit/base	current	history1	history2
Sample Number		Client Info		WC0808482		
Sample Date		Client Info		13 Nov 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		- Not Changd		
Sample Status				ABNORMAL		
CONTAMINATIO	ON	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>150	28		
Chromium	ppm	ASTM D5185m		<1		
Nickel	ppm			0		
Titanium	ppm	ASTM D5185m	~10	<1		
Silver		ASTM D5185m		0		
	ppm		. 05	-		
Aluminum	ppm	ASTM D5185m		<1		
Lead	ppm	ASTM D5185m	>100	0		
Copper	ppm	ASTM D5185m	>50	1		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Volybdenum	ppm	ASTM D5185m		0		
Vanganese	ppm	ASTM D5185m		<1		
Vagnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		442		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		243		
CONTAMINANT		method	limit/base	current	history1	history2
Silicon		ASTM D5185m	>50	3		
Sodium	ppm	ASTM D5185m	>00	4		
Potassium	ppm ppm	ASTM D5185m	>20	4		
FLUID CLEANLI		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	▲ 108929		
Particles >4µm Particles >6µm		ASTM D7647 ASTM D7647		108929 16703		
•						
Particles >14µm		ASTM D7647	>640	224		
Particles >21µm		ASTM D7647		51		
Particles >38µm		ASTM D7647	>40	1		
Particles >71µm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>21/19/16	A 24/21/15		
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.357		
17·28) Boy: 1					Submitted P	

Sample Rating Trend

Submitted By: NEIL ARIANO

ISO



260

250

240

\$ 230 7

220

210 200 Jov13/25

26

OIL ANALYSIS REPORT

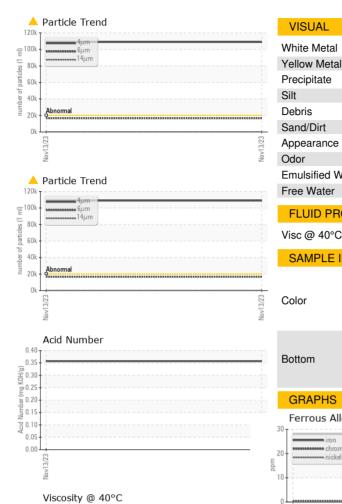
method

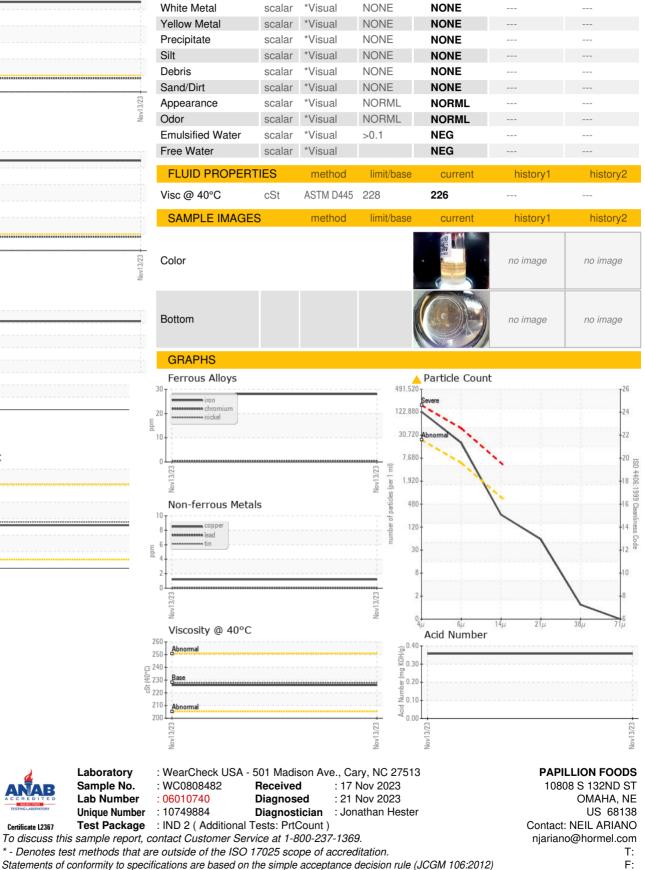
limit/base

current

history1

history2





Certificate L2367

Submitted By: NEIL ARIANO