**WEAR** CONTAMINATION **FLUID CONDITION** 

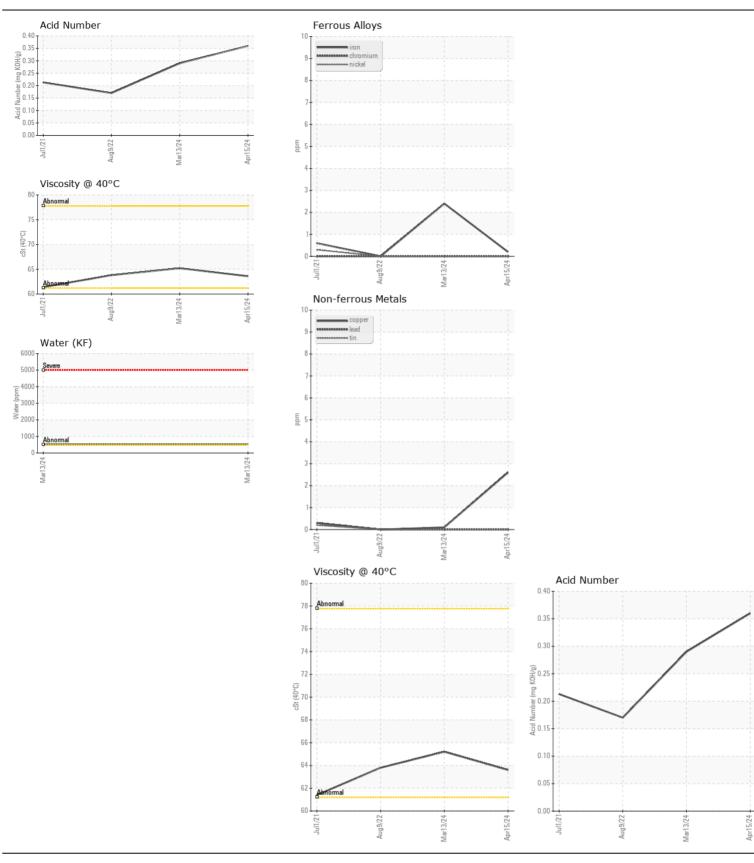
NORMAL **ABNORMAL NORMAL** 

Machine Id

## PRESS 321C/D (S/N M-5417-1 M-5417-2)

Component
Hvdraulic System

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number		Client Info		WC0933126	WC0761477	WC0718292
We recommend you service the filters on this component. 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.	Sample Date		Client Info		15 Apr 2024	13 Mar 2024	09 Aug 202
	Machine Age	hrs	Client Info		0	0	0
	Oil Age	hrs	Client Info		0	0	0
	Filter Age	hrs	Client Info		0	0	0
	Oil Changed		Client Info		N/A	N/A	N/A
	Filter Changed Sample Status		Client Info		N/A ABNORMAL	N/A ABNORMAL	N/A ABNORMA
	·						ADNOTIVIA
VEAR	Iron	ppm	ASTM D5185m		<1	2	0
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		0	0	0
	Nickel	ppm	ASTM D5185m	>20	0	0	0
	Titanium	ppm	ASTM D5185m		0	0	0
	Silver	ppm	ASTM D5185m	00	0	0	0
	Aluminum Lead	ppm	ASTM D5185m ASTM D5185m	>20	<1 0	3 0	0
	Copper	ppm	ASTM D5185m		3	<1	0
	Tin	ppm	ASTM D5185m	>20	0	0	0
	Vanadium	ppm	ASTM D5185m	<i>&gt;</i> 20	0	<1	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
ONIT A BUILLA TION	0.1.		AOTA DE LOS	45	• • • • • • • • • • • • • • • • • • • •		
CONTAMINATION	Silicon	ppm	ASTM D5185m		0	<1	<1
Moderate concentration of visible dirt/debris present in the oil.	Potassium	ppm	ASTM D5185m		1	0	0
	Water	%	ASTM D6304 ASTM D6304	>0.05	NEG	△ 0.052 △ 520	NEG
	ppm Water Particles >4µm	ppm	ASTM D6304 ASTM D7647			520	 <u>10083</u>
	Particles >4µm		ASTM D7647				1478
	Particles >14μm		ASTM D7647				101
	Particles >21µm		ASTM D7647				19
	Particles >38µm		ASTM D7647				1
	Particles >71µm		ASTM D7647	>3			0
	Oil Cleanliness		ISO 4406 (c)	>19/17/14			<u></u> 21/18/1
	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
	Debris	scalar	*Visual	NONE	▲ MODER	▲ MODER	NONE
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
	Appearance	scalar	*Visual	NORML	NORML	NORML	NORM
	Odor		*Visual	NORML	NORML	NORML	NORM
	Emulsified Water	scalar	*Visual	>0.05	NEG	0.2%	NEG
LUID CONDITION	Sodium	ppm	ASTM D5185m		2	3	0
The ANTI-coal to accomplate for this field to The Coal Coal Coal Coal Coal Coal Coal Coal	Boron	ppm	ASTM D5185m		0	0	0
The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m		0	0	<1
	Manganese	ppm	ASTM D5185m		<1	0	<1
	Magnesium	ppm	ASTM D5185m		2	0	0
	Calcium	ppm	ASTM D5185m		65	55	54
	Phosphorus	ppm	ASTM D5185m		348	286	319
	Zinc Sulfur	ppm	ASTM D5185m ASTM D5185m		422	357 1863	408 1327
	Juliui	ppm	MCOLCA INLOW		2301	1003	132/
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.36	0.29	0.17





Certificate L2367

Laboratory Sample No.

Lab Number : 06153040 Unique Number: 10983118 Test Package : PLANT

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0933126 Received **Tested** 

: 22 Apr 2024 Diagnosed

: 18 Apr 2024

: 22 Apr 2024 - Don Baldridge

US 45895 Contact: Ines Koschalk ikoschalk@amtrim.com T: (419)739-4336

**AMERICAN TRIM** 

WAPAKONETA, OH

317 KREIN AVE

F: (419)739-4374

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)