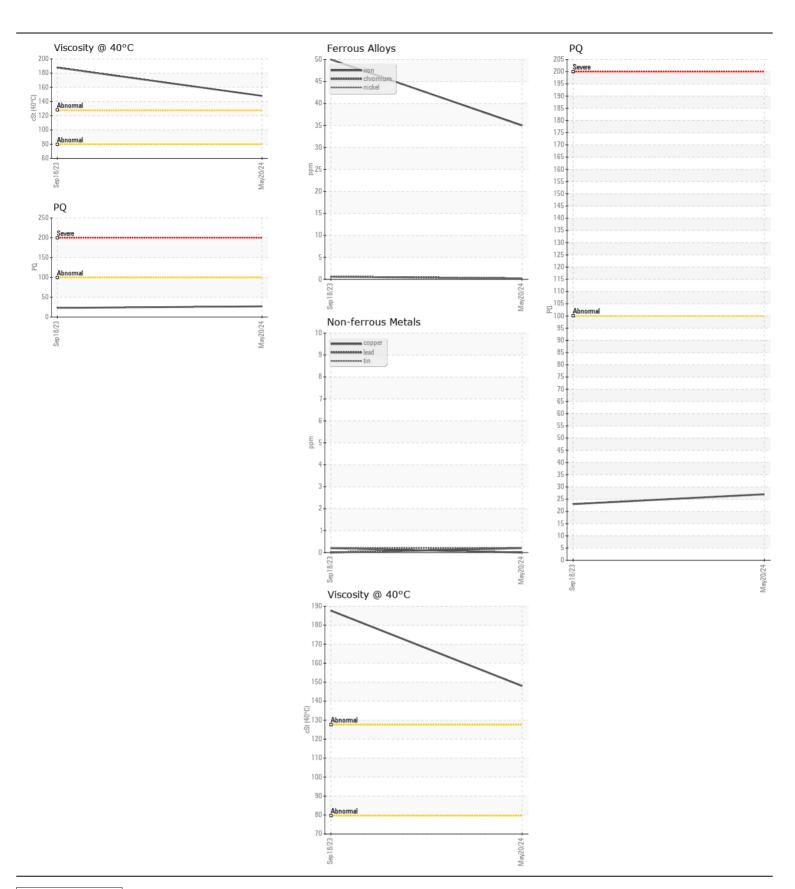
**WEAR CONTAMINATION FLUID CONDITION**  **NORMAL NORMAL NORMAL** 

Machine Id

## 1FFDDP70CKF840647

Component Swing Drive

	11011	B 4 11 1	1.1 19.74.1		1.12 1 1	10.0
Test	UOM	Method	Limit/Abn	Current	History1	History2
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_	nrs					
				J	-	
		Client Into		_	_	
Sample Status				NORWAL	NORIVIAL	
PQ		ASTM D8184		27	23	
Iron	ppm	ASTM D5185m	>400	35	50	
Chromium	ppm	ASTM D5185m	>10	<1	<1	
Nickel	ppm	ASTM D5185m	>10	<1	<1	
Titanium	ppm	ASTM D5185m		<1	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	5	<1	
Lead	ppm	ASTM D5185m	>50	<1	0	
Copper	ppm	ASTM D5185m	>200	0	<1	
Tin	ppm	ASTM D5185m	>10	<1	<1	
Vanadium	ppm	ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	nnm	ASTM D5185m	>50	14	16	
	PP					
Silt	scalar					
Debris				NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML		NORML	
Odor	scalar	*Visual	NORML		NORML	
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
-						
-						
ZITIC	ppm	MCOLCO INI CW		14	10	
Sulfur	ppm	ASTM D5185m		21608	14839	
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status  PQ Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal  Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status  PQ Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Silt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sodium ppm Boron ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium ppm Calcium ppm Calcium ppm Calcium ppm Phosphorus	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Client Info Oil Age hrs Client Info Client Info Client Info Oil Changed Filter Changed Sample Status  PQ ASTM D8184 Iron Ppm ASTM D5185m Chromium Ppm ASTM D5185m Titanium Ppm ASTM D5185m Silver Ppm ASTM D5185m Aluminum Ppm ASTM D5185m Copper Ppm ASTM D5185m Copper Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Visual Scalar Visual Silicon Potassium Potassium Potassium Potassium Potassium Potassium Potassium Potassium Pom ASTM D5185m Vater VC Method Silt Scalar Visual Sand/Dirt Scalar Appearance Scalar Visual Sand/Dirt Scalar Appearance Scalar Scalar Sodium Ppm ASTM D5185m Boron Pom ASTM D5185m Boron Pom ASTM D5185m Barium Ppm ASTM D5185m Barium Ppm ASTM D5185m ASTM D5185m Magnesium Ppm ASTM D5185m ASTM D5185m Magnesium Ppm ASTM D5185m ASTM D5185m ASTM D5185m Phosphorus Ppm ASTM D5185m	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Sample Status  PQ ASTM D8184 Iron Ppm ASTM D5185m ASTM D5185m Aluminum Ppm ASTM D5185m Aluminum Ppm ASTM D5185m Aluminum Ppm ASTM D5185m ASTM D5185m Aluminum Ppm ASTM D5185m ASTM D5185m Aluminum Ppm ASTM D5185m Barium Ppm ASTM D5185m	Sample Number         Client Info         JR0215733           Sample Date         Client Info         20 May 2024           Machine Age         hrs         Client Info         4058           Oil Age         hrs         Client Info         0           Oil Changed         Client Info         Changed           Filter Age         Client Info         Not Changed           Filter Changed         Client Info         Not Changed           Sample Status         NORMAL         Normal           PQ         ASTM D5185m         >400           Sample Status         NORMAL         27           Iron         ppm         ASTM D5185m         >400         35           Chromium         ppm         ASTM D5185m         >10         <1	Sample Number         Client Info         JR0215733         JR0188396           Sample Date         Client Info         20 May 2024         18 Sep 2023           Machine Age         hrs         Client Info         4058         2647           Oil Age         hrs         Client Info         1411         0           Filter Age         hrs         Client Info         Changed         Changed           Filter Changed         Client Info         Not Changed         Changed           Sample Status         NORMAL         NORMAL         Changed           PQ         ASTM D8184         27         23           Iron         ppm         ASTM D81886         >400         35         50           Chromium         ppm         ASTM D81886         >10         <1





Certificate L2367

Laboratory Sample No.

**Lab Number** : 06187968 Unique Number : 11044720

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : JR0215733

Received **Tested** Diagnosed Test Package : CONST ( Additional Tests: PQ )

: 22 May 2024

: 24 May 2024 : 24 May 2024 - Sean Felton

JRE - CHARLOTTE 9550 STATESVILLE ROAD CHARLOTTE, NC US 28269

Contact: CHARLOTTE SHOP myoung@jamesriverequipment.com

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. T: (704)597-0211 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: (704)596-6198