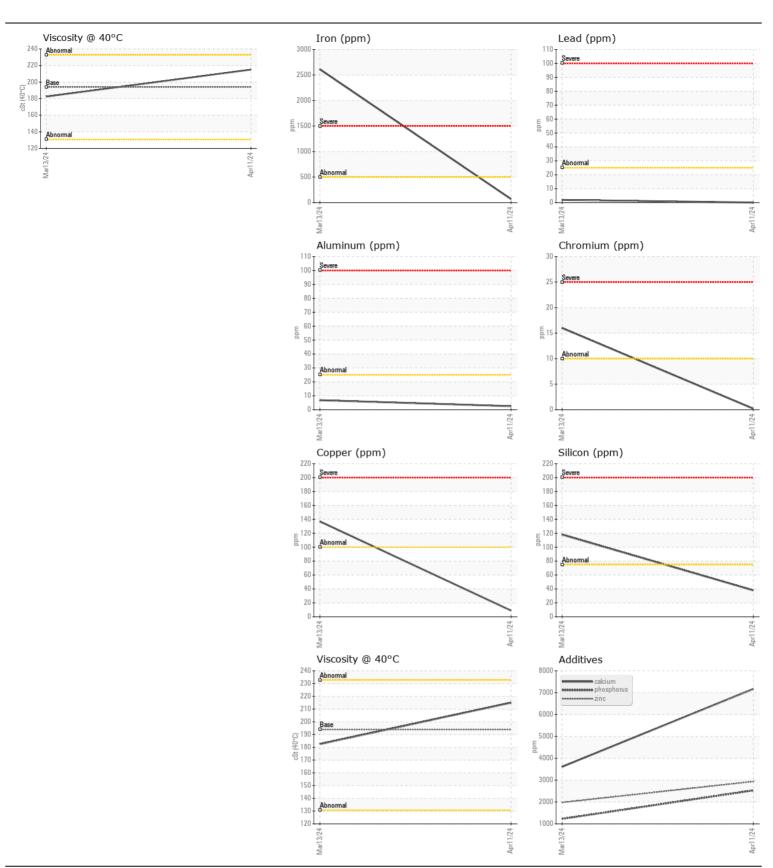
WEAR CONTAMINATION **FLUID CONDITION** **NORMAL NORMAL NORMAL**

HITACHI ZW370-6 15586 (S/N 6108)

Component Front Differential

TOTO FI LIID SAF 50 (--- GAL)

				.,		
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		DJJ0017952	LH0244717	
Sample Date		Client Info		11 Apr 2024	13 Mar 2024	
Machine Age	hrs	Client Info		1363	1271	
Oil Age	hrs	Client Info		0	1271	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Not Changd	
Filter Changed		Client Info		N/A	N/A	
Sample Status				NORMAL	SEVERE	
Iron	maa	ASTM D5185m	>500	69	2610	
			-	0		
Silver					0	
Aluminum			>25	2	7	
Lead				0	2	
Copper		ASTM D5185m	>100	9	<u> </u>	
Tin				<1	8	
Vanadium	ppm	ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	▲ MODER	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>75	38	<u></u> 118	
Potassium	ppm	ASTM D5185m	>20	3	<1	
Water		WC Method	>.2	NEG	NEG	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>.2	NEG	NEG	
Sodium	ppm	ASTM D5185m		<1	8	
Boron	ppm	ASTM D5185m	37	147	114	
Barium	ppm	ASTM D5185m	7	0	<1	
Molybdenum	ppm	ASTM D5185m	5	1	3	
Manganese	ppm	ASTM D5185m		0	30	
	ppm	ASTM D5185m	40	32	17	
Magnesium						
Magnesium Calcium	ppm	ASTM D5185m	2650	7166	3610	
-		ASTM D5185m ASTM D5185m		7166 2528	3610 1227	
Calcium	ppm		1050			
Calcium Phosphorus	ppm	ASTM D5185m	1050 1075	2528	1227	
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status 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 Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water spm Boron ppm Barium ppm	Sample Number Sample Date Machine Age Oil Age hrs Client Info Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Copper ppm ASTM D5185m Vanadium ppm ASTM D5185m Visual Yellow Metal scalar *Visual Silicon ppm ASTM D5185m Vater WC Method Silt scalar Potassium ppm ASTM D5185m Vater WC Method Silt scalar *Visual Sand/Dirt scalar *Visual Appearance scalar *Visual Sand/Dirt scalar *Visual Sand/Dirt scalar *Visual Sand/Dirt scalar *Visual Appearance scalar *Visual Sand/Dirt scalar *Visual Appearance scalar *Visual Sand/Dirt scalar *Visual Appearance Scalar *Visual Appearance Scalar *Visual Sand/Dirt Scalar *Visual Appearance Scalar *Visual	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Oil Age hrs Client Info Oil Changed Filter Age hrs Client Info Oil Changed Filter Changed Sample Status Iron Chromium ppm ASTM D5185m S100 Chromium ppm ASTM D5185m S10ver ASTM D5185m Aluminum ppm ASTM D5185m Aluminum ppm ASTM D5185m ASTM D5185m ALead ppm ASTM D5185m NONE Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar *Visual NONE Yellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >75 Potassium ppm ASTM D5185m >20 Water WC Method 22 Silt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NONE Sand/Dirt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NONE Sand/Dirt scalar *Visual NORML Scalar *Visual NORML	Sample Number Client Info DJJ0017952 Sample Date Client Info 11 Apr 2024 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Filter Age hrs Client Info Changed Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status NORMAL Iron ppm ASTM D5185m >500 69 Chromium ppm ASTM D5185m >10 <1	Sample Number Client Info DJJ0017952 LH0244717 Sample Date Client Info 11 Apr 2024 13 Mar 2024 Machine Age hrs Client Info 0 1271 Oil Age hrs Client Info 0 0 Filter Age hrs Client Info Changed Not Changd Filter Changed Client Info Changed Not Changd Filter Changed Client Info N/A N/A Sample Status NORMAL SEVERE Iron ppm ASTM D5185m >500 69 ▲ 2610 Chromium ppm ASTM D5185m >10 <1







Certificate L2367

Report Id: LEC0082 [WUSCAR] 06151373 (Generated: 04/19/2024 13:17:53) Rev: 1

Laboratory Sample No.

: DJJ0017952 Lab Number : 06151373 Unique Number : 10981451 Test Package : MOBCE To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 16 Apr 2024 **Tested** : 18 Apr 2024

Diagnosed : 19 Apr 2024 - Sean Felton 8075 PRODUCTION DRIVE FLORENCE, KY US 41042 Contact: ALLEN BRAY

abray@recoequip.com T:

F: (859)727-7974

RECO EQUIPMENT INC

* - 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)