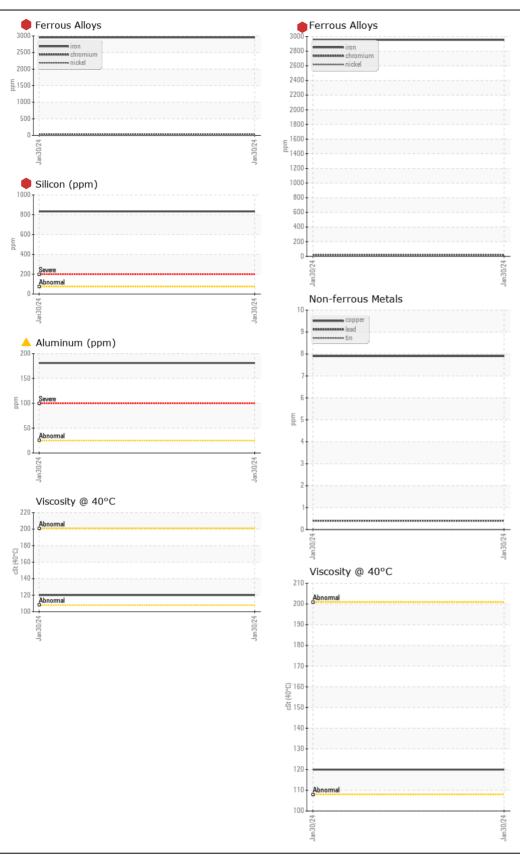
WEAR CONTAMINATION **FLUID CONDITION**

SEVERE SEVERE NORMAL

Machine Id

E-130 Component

Teet	LIOM	Method	Limit/∆hn	Current	History1	History2
	OOW		LITTIQ/ OIT		,	
Sample Date		Client Info		30 Jan 2024		
Machine Age	hrs	Client Info		10325		
Oil Age	hrs	Client Info		849		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		N/A		
Sample Status				SEVERE		
Iron	nnm	ASTM D5185m	>500	2954		
			,			
Silver		ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	181		
Lead	ppm	ASTM D5185m	>25	<1		
Copper	ppm	ASTM D5185m	>50	8		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		<1		
White Metal	scalar	*Visual	NONE	MODER		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	nnm	ASTM D5185m	>75	833		
				*		
Water	le le					
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Sodium	nom	ASTM D5185m		21		
Barium		ASTM D5185m				
Molybdenum		ASTM D5185m				
Manganese	ppm	ASTM D5185m		15		
Magnesium	ppm	ASTM D5185m		28		
Calcium	ppm	ASTM D5185m		232		
	ppm	ASTM D5185m		487		
Phosphorus	ppiii					
Phosphorus Zinc	ppm	ASTM D5185m		203		
-				203 12818		
	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 Molybdenum Manganese Magnesium	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 Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm Magnesium ppm Magnesium ppm	Sample Number Sample Date Client Info Machine Age Dilent Info Oil Age Client Info Oil Age Client Info Oil Changed Filter Changed Sample Status Iron Chromium Dpm ASTM D5185m Nickel Dpm ASTM D5185m Aluminum Dpm ASTM D5185m Aluminum Dpm ASTM D5185m Copper Dpm ASTM D5185m Tin Dpm ASTM D5185m Vanadium Dpm ASTM D5185m Visual Vellow Metal Scalar Visual Silicon Dpm ASTM D5185m Vater WC Method Silt Scalar Visual Sand/Dirt Scalar Appearance Scalar Scalar Visual Sand/Dirt Scalar Appearance Scalar Scalar Scalar Scalar Appearance Scalar Scalar Scalar Scalar Scalar Appearance Scalar Scalar Scalar Scalar Appearance Scalar Scala	Sample Number Sample Date Client Info Machine Age Nrs Client Info Oil Age Nrs Client Info Oil Age Nrs Client Info Oil Changed Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Definition Silver Definition Filter Age Oper Definition Chromium Definition Silver Definition Definition Comparisor Definition	Sample Number Client Info WC0878690 Sample Date Client Info 30 Jan 2024 Machine Age hrs Client Info 10325 Oil Age hrs Client Info 849 Filter Age hrs Client Info Not Changd Filter Changed Client Info N/A SEVERE Iron ppm ASTM D5185m >500 2954 Sample Status SEVERE Iron ppm ASTM D5185m >10 3 Sample Status SEVERE Iron ppm ASTM D5185m >10 3 Sample Status SEVERE 19 3 19 Iron ppm ASTM D5185m >10 3 11 3 11 19 3 12 3 11 2 19 3 12 3 11 2 19 3 11 2 12 18 12 1 18 12 1 18 12 <td>Sample Number Client Info WC0878690 Sample Date Client Info 30 Jan 2024 Machine Age hrs Client Info 10325 Oil Age hrs Client Info 849 Filter Age hrs Client Info Not Changd Filter Changed Client Info N/A Sample Status SEVERE Iron ppm ASTM D5185m >500 2954 Chromium ppm ASTM D5185m >10 4 19 Nickel ppm ASTM D5185m >10 3 Titanium ppm ASTM D5185m >10 3 Silver ppm ASTM D5185m >25 <1</td> Aluminum ppm ASTM D5185m >25 <1	Sample Number Client Info WC0878690 Sample Date Client Info 30 Jan 2024 Machine Age hrs Client Info 10325 Oil Age hrs Client Info 849 Filter Age hrs Client Info Not Changd Filter Changed Client Info N/A Sample Status SEVERE Iron ppm ASTM D5185m >500 2954 Chromium ppm ASTM D5185m >10 4 19 Nickel ppm ASTM D5185m >10 3 Titanium ppm ASTM D5185m >10 3 Silver ppm ASTM D5185m >25 <1





Laboratory Sample No. Lab Number **Unique Number**

: WC0878690 : 06076197 : 10858288 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 31 Jan 2024 : 02 Feb 2024 Diagnosed Diagnostician : Sean Felton

DUKE LAZZARA 4201 FAYETTEVILLE RD RALEIGH, NC

US 27603 Contact: NICK DIXON

NICK.DIXON@DUKELAZZAM.COM T: (919)760-7797

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)