WEAR CONTAMINATION **FLUID CONDITION** **ABNORMAL SEVERE NORMAL**

Machine Id

	UOM		Limit/Abn			History2
	mla					
•						
•	11115					
		Onoric inio		•		
Iron	ppm	ASTM D5185m	>200	133		
Chromium	ppm	ASTM D5185m	>20	2		
Nickel	ppm	ASTM D5185m	>2	0		
Titanium	ppm			<1		
	ppm			_		
	ppm					
	ppm					
	ppm					
	ppm		>15			
			NONE			
				_		
Yellow Metal	scalar	^Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>30	8		
				-		
Water				NEG		
		WC Method		NEG		
Soot %	%	*ASTM D7844	>3	● 8.1		
Nitration	Abs/cm	*ASTM D7624	>20	3.4		
Sulfation	Abs/.1mm	*ASTM D7415	>30	10.8		
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		
Cadium		ACTM DE10Em				
•						
·						
Oxidation	Abs/.1mm		>25	5.0		
	(16/0/ , []]]]	/\U : IVI D/TI4	/	J.U		-
	Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	Sample Number Sample Date Machine Age mls Oil Age mls Filter Age 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 Fuel % Water Glycol Soot % Nitration Abs/cm Sulfation Abs/.mm Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium calcium Phosphorus Zinc ppm Sulfur ppm Sulfur ppm Sulfur ppm Sulfur ppm	Sample Number Sample Date Machine Age Mis Oil Age Mis Client Info Oil Age Mis Client Info Client Info Oil Changed Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Dpm ASTM D5185m Nickel Dpm ASTM D5185m Titanium Dpm ASTM D5185m Chopper Dpm ASTM D5185m Copper Dpm ASTM D5185m Tin Dpm ASTM D5185m Vanadium Dpm ASTM D5185m Visual Silicon Dpm ASTM D5185m Fuel % ASTM D7624 Visual Soot % % *ASTM D7624 Sulfation Abs/cm *ASTM D7624 Sulfation Abs/cm *Visual Debris Scalar *Visual Sand/Dirt Scalar *Visual Appearance Odor Scalar *Visual Sand/Dirt Scalar *Visual Sand/Dirt Scalar *Visual Sand/Dirt Scalar *Visual Scalar *Visual Appearance Odor Scalar *Visual Scalar *Visual Scalar *Visual Appearance Odor Scalar *Visual	Sample Number Sample Date Machine Age Oil Age mis Client Info Oil Age mis Client Info Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Dpm ASTM D5185m S2 Nickel Dpm ASTM D5185m S30 Copper Dpm ASTM D5185m NONE Vanadium Dpm ASTM D5185m White Metal Scalar Visual NONE Silicon Dpm ASTM D5185m S30 Potassium Dpm ASTM D5185m S30 Nitration Abs/cm "ASTM D7844 S3 Nitration Abs/cm "ASTM D7845 S30 NONE Appearance Scalar "Visual N	Sample Number Client Info DCM2013548 Sample Date Client Info 11 Feb 2024 Machine Age mls Client Info 1000000 Oil Age mls Client Info 8000 Filter Age mls Client Info 8000 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status SEVERE Iron ppm ASTM D5185m >20 2 Nickel ppm ASTM D5185m >20 0 Aluminum ppm ASTM D5185m >2 0 Silver ppm ASTM D5185m >30 7 Copper ppm ASTM D5185m >30 7 Vanadium ppm ASTM D5185m >30 7	Sample Number Sample Date Client Info DCM2013548 11 Feb 2024 11 Feb







Certificate L2367

Laboratory Sample No.

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

: DCM2013548 Lab Number : 06087607

Unique Number : 10875052

Tested Diagnosed

Received

: 13 Feb 2024

: 16 Feb 2024

: 16 Feb 2024 - Jonathan Hester Test Package: MOB 2 (Additional Tests: FuelDilution) 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)

FINDLEY'S REPAIR 1931 CASTLETON ROAD

DARLINGTON, MD US 21034

Contact: Service Manager

T:

F: