

WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL



Machine Id **BELL B50E B93A650EP03408200**

Center Differential

Test Sample Number Sample Date	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date						1 Hotory 2
·		Client Info		BE0018493		
		Client Info		13 May 2024		
Machine Age	hrs	Client Info		1863		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		None		
Sample Status				NORMAL		
PQ		ASTM D8184	>3000	147		
Iron	ppm	ASTM D5185m	>HR:1=	456		
Chromium	ppm	ASTM D5185m	>10	4		
Nickel	ppm	ASTM D5185m	>10	6		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm			8		
Lead	ppm			<1		
Copper	ppm					
	ppm		>10			
	ppm					
	scalar					
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>201	34		
Potassium	ppm	ASTM D5185m	>20	<1		
Water		WC Method	>1.01	NEG		
Silt	scalar	*Visual	NONE	NONE		
	scalar	*Visual	NONE			
Emuisitied Water	scalar	"VISUAI	>1.01	NEG		
Sodium	ppm	ASTM D5185m		2		
	ppm					
	ppm			0		
	ppm					
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	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 Emulsified Water	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 Debris scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm Magnesium ppm Calcium ppm Phosphorus ppm Zinc ppm Sulfur ppm	Filter Changed Sample Status PQ ASTM D8184 Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Silver ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar *Visual Yellow Metal scalar *Visual Silicon ppm ASTM D5185m Water WC Method Silt scalar *Visual Debris scalar *Visual Sand/Dirt scalar *Visual Appearance scalar *Visual Sand/Dirt scalar *Visual Sodium ppm ASTM D5185m Boron ppm ASTM D5185m Boron ppm ASTM D5185m Magnesium ppm ASTM D5185m ASTM D5185m	Filter Changed Sample Status PQ ASTM D8184 >3000 Iron ppm ASTM D5185m >HR:1= Chromium ppm ASTM D5185m >10 Nickel ppm ASTM D5185m >10 Titanium ppm ASTM D5185m >25 Lead ppm ASTM D5185m >25 Lead ppm ASTM D5185m >25 Copper ppm ASTM D5185m >10 Tin ppm ASTM D5185m >25 Copper ppm ASTM D5185m >10 Tin ppm ASTM D5185m >25 Copper ppm ASTM D5185m >10 Vanadium ppm ASTM D5185m >20 Vater Visual NONE Silicon ppm ASTM D5185m >20 Potassium ppm ASTM D5185m >20 Water WC Method >1.01 Silt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NONE Appearance scalar *Visual NORML Emulsified Water scalar *Visual NORML Emulsified Water scalar *Visual NORML Boron ppm ASTM D5185m Boron ppm ASTM D5185m Boron ppm ASTM D5185m Barium ppm ASTM D5185m Molybdenum ppm ASTM D5185m Manganese ppm ASTM D5185m Manganese ppm ASTM D5185m Calcium ppm ASTM D5185m Phosphorus ppm ASTM D5185m Phosphorus ppm ASTM D5185m Phosphorus ppm ASTM D5185m Zinc ppm ASTM D5185m Zinc ppm ASTM D5185m Zinc ppm ASTM D5185m Zinc ppm ASTM D5185m	Filter Changed Sample Status Client Info None PQ ASTM D8184 >3000 147 Iron ppm ASTM D5185m >HR:1= 456 Chromium ppm ASTM D5185m >10 4 Nickel ppm ASTM D5185m >10 6 Titanium ppm ASTM D5185m >10 6 Titanium ppm ASTM D5185m >10 6 Aluminum ppm ASTM D5185m >25 8 Lead ppm ASTM D5185m >25 <1	Filter Changed Sample Status







Certificate L2367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : BE0018493 Lab Number : 06187993 Unique Number : 11044745

Test Package : MOBCE

Received : 22 May 2024 **Tested** : 24 May 2024

Diagnosed : 24 May 2024 - Sean Felton

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)

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