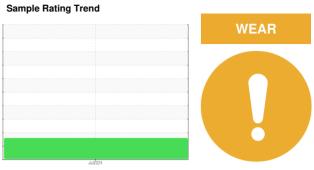


OIL ANALYSIS REPORT

Savage Arms - S00800 A2407006

Unknown Component

CHEM-ECOL CHEMKUT 201 A (--- GAL)



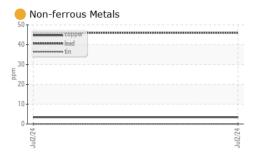
Wear

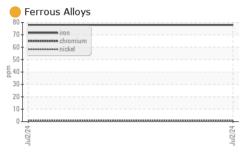
Iron and lead ppm levels are noted.

Batch # Client Info					Jul2024		
Batch # Client Info 2024 05 1060	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Department						,	
Sample From Client Info Machine							
Production Stage							
Sent to WC							
Sample Number Client Info Client Info Client Info O2 Jul 2024	-						
Sample Date Client Info 02 Jul 2024							
Machine Age hrs Client Info 0							
Oil Age hrs Client Info N/A		hrs					
Coli Changed Client Info N/A Contample Status ATTENTION Contample Status ATTENTION Contample Status Contample Status Attention Contample Status Contampl	-						
CONTAMINATION method limit/base current history1 history	-	0					
CONTAMINATION method limit/base current history1 history	-		Onorte irrio				
WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185(m) 78 Chromium ppm ASTM D5185(m) <1	-		mathad	limit/book		historyd	biotom (
WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185(m) 78 Chromium ppm ASTM D5185(m) <1				ilmii/base			nistoryz
Tron			WC Method		NEG		
Chromium ppm ASTM D5185(m) <1 Nickel ppm ASTM D5185(m) <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel		ppm	ASTM D5185(m)		7 8		
Titanium	Chromium	ppm	ASTM D5185(m)		<1		
Silver	Nickel	ppm	ASTM D5185(m)				
Aluminum	Titanium	ppm	ASTM D5185(m)		0		
Accepted	Silver	ppm	ASTM D5185(m)		0		
Copper ppm ASTM D5185(m) 3 Tin ppm ASTM D5185(m) 0 Antimony ppm ASTM D5185(m) 0 Vanadium ppm ASTM D5185(m) 0 Beryllium ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 1 Boron ppm ASTM D5185(m) 0 Barium ppm ASTM D5185(m) 0 Molybdenum ppm ASTM D5185(m) 0 Manganese ppm ASTM D5185(m) 146 Magnesium ppm ASTM D5185(m) 2 Calcium ppm ASTM D5185(m) 38 <td>Aluminum</td> <td>ppm</td> <td>ASTM D5185(m)</td> <td></td> <td><1</td> <td></td> <td></td>	Aluminum	ppm	ASTM D5185(m)		<1		
Tin	Lead	ppm	ASTM D5185(m)		46		
Antimony	Copper	ppm	ASTM D5185(m)		3		
Vanadium ppm ASTM D5185(m) 0 Beryllium ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history Boron ppm ASTM D5185(m) 1 Barium ppm ASTM D5185(m) 0 Molybdenum ppm ASTM D5185(m) 0 Magnaese ppm ASTM D5185(m) 146 Magnesium ppm ASTM D5185(m) 2 Calcium ppm ASTM D5185(m) 4 Phosphorus ppm ASTM D5185(m) 15 Sulfur ppm ASTM D5185(m) 22379 Lithium ppm ASTM D5185(m) <1	Tin	ppm	ASTM D5185(m)		0		
Description	Antimony	ppm	ASTM D5185(m)		0		
Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history Boron ppm ASTM D5185(m) 1 Barium ppm ASTM D5185(m) 0 Molybdenum ppm ASTM D5185(m) 0 Manganese ppm ASTM D5185(m) 146 Magnesium ppm ASTM D5185(m) 2 Calcium ppm ASTM D5185(m) 4 Phosphorus ppm ASTM D5185(m) 38 Zinc ppm ASTM D5185(m) 15 Sulfur ppm ASTM D5185(m) 22379 Lithium ppm ASTM D5185(m) <1	Vanadium	ppm	ASTM D5185(m)		0		
ADDITIVES method limit/base current history1 history Boron ppm ASTM D5185(m) 1 Barium ppm ASTM D5185(m) 0 Molybdenum ppm ASTM D5185(m) 0 Manganese ppm ASTM D5185(m) 146 Magnesium ppm ASTM D5185(m) 2 Calcium ppm ASTM D5185(m) 4 Phosphorus ppm ASTM D5185(m) 38 Zinc ppm ASTM D5185(m) 15 Sulfur ppm ASTM D5185(m) 22379 Lithium ppm ASTM D5185(m) <1	Beryllium	ppm	ASTM D5185(m)		0		
Boron ppm ASTM D5185(m) 1	Cadmium	ppm	ASTM D5185(m)		0		
Barium	ADDITIVES		method	limit/base	current	history1	history
Molybdenum ppm ASTM D5185(m) 0 Manganese ppm ASTM D5185(m) 146 Magnesium ppm ASTM D5185(m) 2 Calcium ppm ASTM D5185(m) 4 Phosphorus ppm ASTM D5185(m) 38 Zinc ppm ASTM D5185(m) 15 Sulfur ppm ASTM D5185(m) 22379 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history Silicon ppm ASTM D5185(m) <1 Sodium ppm ASTM D5185(m) <1	Boron	ppm	ASTM D5185(m)		1		
Molybdenum ppm ASTM D5185(m) 0 Manganese ppm ASTM D5185(m) 146 Magnesium ppm ASTM D5185(m) 2 Calcium ppm ASTM D5185(m) 4 Phosphorus ppm ASTM D5185(m) 38 Zinc ppm ASTM D5185(m) 15 Sulfur ppm ASTM D5185(m) 22379 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history Silicon ppm ASTM D5185(m) <1 Sodium ppm ASTM D5185(m) <1	Barium		. ,		0		
Manganese ppm ASTM D5185(m) 146 Magnesium ppm ASTM D5185(m) 2 Calcium ppm ASTM D5185(m) 4 Phosphorus ppm ASTM D5185(m) 38 Zinc ppm ASTM D5185(m) 15 Sulfur ppm ASTM D5185(m) 22379 Lithium ppm ASTM D5185(m) <1	Molybdenum		, ,		0		
Magnesium ppm ASTM D5185(m) 2 Calcium ppm ASTM D5185(m) 4 Phosphorus ppm ASTM D5185(m) 38 Zinc ppm ASTM D5185(m) 15 Sulfur ppm ASTM D5185(m) 22379 Lithium ppm ASTM D5185(m) <1		ppm	ASTM D5185(m)		146		
Calcium ppm ASTM D5185(m) 4 Phosphorus ppm ASTM D5185(m) 38 Zinc ppm ASTM D5185(m) 15 Sulfur ppm ASTM D5185(m) 22379 Lithium ppm ASTM D5185(m) <1	Magnesium						
Zinc ppm ASTM D5185(m) 15 Sulfur ppm ASTM D5185(m) 22379 Lithium ppm ASTM D5185(m) <1	-		ASTM D5185(m)		4		
Sulfur ppm ASTM D5185(m) 22379 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history Silicon ppm ASTM D5185(m) <1	Phosphorus	ppm	ASTM D5185(m)		38		
Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history Silicon ppm ASTM D5185(m) <1	Zinc	ppm	ASTM D5185(m)		15		
CONTAMINANTS method limit/base current history1 history Silicon ppm ASTM D5185(m) <1	Sulfur	ppm	ASTM D5185(m)		22379		
Silicon ppm ASTM D5185(m) <1 Sodium ppm ASTM D5185(m) <1	Lithium		ASTM D5185(m)		<1		
Sodium ppm ASTM D5185(m) <1	CONTAMINANTS		method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185(m)		<1		
Potassium ppm ASTM D5185(m) >20 <1	Sodium	ppm	ASTM D5185(m)		<1		
	Potassium	ppm	ASTM D5185(m)	>20	<1		



OIL ANALYSIS REPORT





VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	LIGHT		
Yellow Metal	scalar	Visual*	NONE	NONE		
Precipitate	scalar	Visual*	NONE	NONE		
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		
SAMPLE IMAGES	3	method	limit/base	current	history1	history2

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image
GRAPHS					



ISO 17025:2017
Accredited
Laboratory

Laboratory: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **Sample No.**: E30002541 **Received**: 04 Jul 2024

Lab Number : 02645680

Unique Number : 5803219 Diagr Test Package : TEST (Additional Tests: ICP)

 Received
 : 04 Jul 2024

 Tested
 : 04 Jul 2024

 Diagnosed
 : 05 Jul 2024 - Aylwin Lee

 : ICP)

To discuss this sample report, contact Customer Service at 1-905-372-2251.

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

Environmental 360 Solutions Ltd.

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F: (905)373-4950