



OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area
Savage Arms - S00800
 Machine Id
A2407006
 Component
Unknown Component
 Fluid
CHEM-ECOL CHEMKUT 201 A (--- GAL)

DIAGNOSIS

● **Wear**
 Iron and lead ppm levels are noted.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Batch #	Client Info			2024 05 1060	---	---
Department	Client Info			Production	---	---
Sample From	Client Info			Machine	---	---
Production Stage	Client Info			Initial	---	---
Sent to WC	Client Info			07/02/2024	---	---
Sample Number	Client Info			E30002541	---	---
Sample Date	Client Info			02 Jul 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Sample Status				ATTENTION	---	---

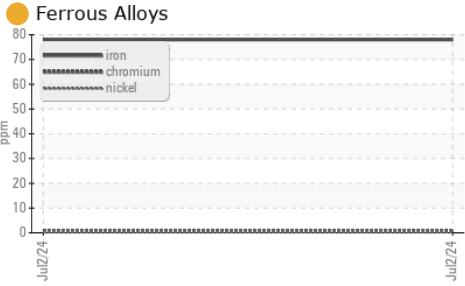
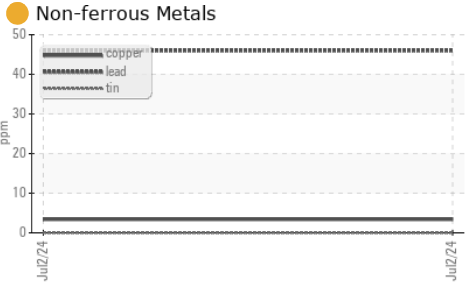
CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method			NEG	---	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)		● 78	---	---
Chromium	ppm	ASTM D5185(m)		<1	---	---
Nickel	ppm	ASTM D5185(m)		<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)		<1	---	---
Lead	ppm	ASTM D5185(m)		● 46	---	---
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	---	---



ADDITIVES		method	limit/base	current	history1	history2
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	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		<1	---	---
Sodium	ppm	ASTM D5185(m)		<1	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---

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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	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : E30002541
Lab Number : 02645680
Unique Number : 5803219
Test Package : TEST (Additional Tests: ICP)
Received : 04 Jul 2024
Tested : 04 Jul 2024
Diagnosed : 05 Jul 2024 - Aylwin Lee

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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.