



OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Area
L+M Precision - L00200
 Machine Id
A2403100
 Component
Unknown Component
 Fluid
CHEM-ECOL LUBECUT 101 (--- GAL)

DIAGNOSIS

- Wear**
Copper, iron and lead ppm levels are noted.
- Contamination**
Silicon ppm levels are notably high.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Batch #	Client Info		2024 03 0340	---	---
Department	Client Info		Production	---	---
Sample From	Client Info		Machine	---	---
Production Stage	Client Info		Initial	---	---
Sent to WC	Client Info		03/14/2024	---	---
Sample Number	Client Info		E30001693	---	---
Sample Date	Client Info		14 Mar 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)	24	---	---
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)	5	---	---
Lead	ppm	ASTM D5185(m)	299	---	---
Copper	ppm	ASTM D5185(m)	357	---	---
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	---	---

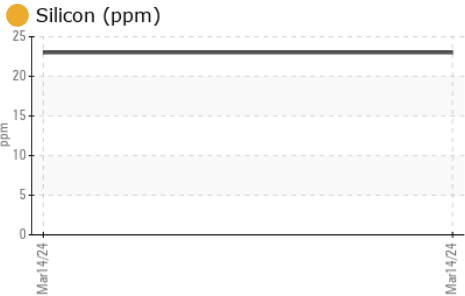
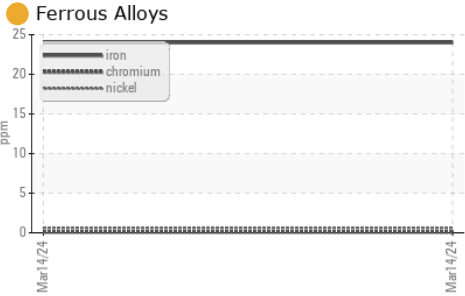
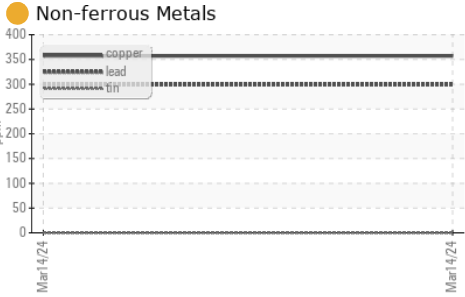
ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	1	---	---
Barium	ppm	ASTM D5185(m)	2	---	---
Molybdenum	ppm	ASTM D5185(m)	0	---	---
Manganese	ppm	ASTM D5185(m)	12	---	---
Magnesium	ppm	ASTM D5185(m)	181	---	---
Calcium	ppm	ASTM D5185(m)	1849	---	---
Phosphorus	ppm	ASTM D5185(m)	861	---	---
Zinc	ppm	ASTM D5185(m)	821	---	---
Sulfur	ppm	ASTM D5185(m)	2980	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---



CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	23	---	---
Sodium	ppm	ASTM D5185(m)	7	---	---
Potassium	ppm	ASTM D5185(m) >20	2	---	---

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VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
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. : E30001693
Lab Number : 02622895
Unique Number : 5748014
Test Package : TEST (Additional Tests: ICP)
Received : 18 Mar 2024
Tested : 18 Mar 2024
Diagnosed : 19 Mar 2024 - Tatiana Sorkina

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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.