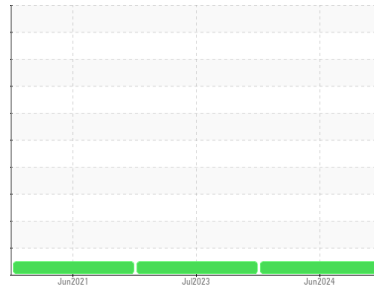




GREASE ANALYSIS

Sample Rating Trend



NORMAL



Area
MELT SHOP
 Machine Id
LADLE TURRETT - 2:30
 Component
Lower Grease
 Fluid
{not provided} (--- QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Grease Condition

The condition of the grease is acceptable for the time in service.

Contaminants

There is no indication of any contamination in the grease.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			RP0044184	RP0035069	WCI2295761
Sample Date	Client Info			05 Jun 2024	07 Jul 2023	13 Jun 2021
Machine Age	hrs	Client Info		0	0	0
Grease Age	hrs	Client Info		0	0	0
Grease Serviced	Client Info			N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

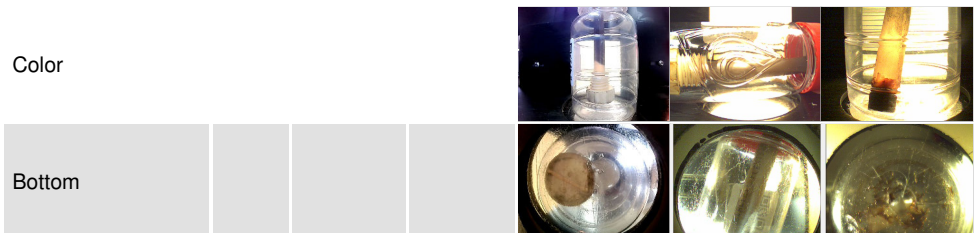
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>250	26	23	---
Chromium	ppm	ASTM D5185m	>10	<1	<1	---
Nickel	ppm	ASTM D5185m	>5	<1	<1	---
Cadmium	ppm	ASTM D5185m		0	0	---
Titanium	ppm	ASTM D5185m		3	2	---
Vanadium	ppm	ASTM D5185m		0	0	---
Lead	ppm	ASTM D5185m	>25	0	0	---
Copper	ppm	ASTM D5185m	>75	<1	<1	---
Tin	ppm	ASTM D5185m	>5	0	0	---
Silver	ppm	ASTM D5185m	>5	0	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		226	183	---
Magnesium	ppm	ASTM D5185m		62	53	---
Manganese	ppm	ASTM D5185m		1	2	---
Molybdenum	ppm	ASTM D5185m		<1	<1	---
Phosphorus	ppm	ASTM D5185m		92	60	---
Zinc	ppm	ASTM D5185m		0	0	---

THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m		15	13	---
Barium	ppm	ASTM D5185m		2	2	---
Calcium	ppm	ASTM D5185m		41588	44081	---
Sodium	ppm	ASTM D5185m		18	15	---
Lithium	ppm	ASTM D5185m		61	50	---

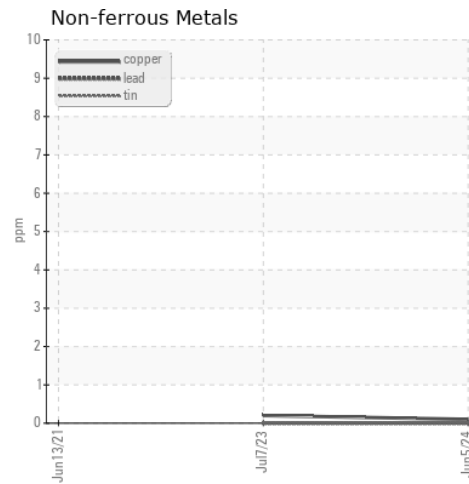
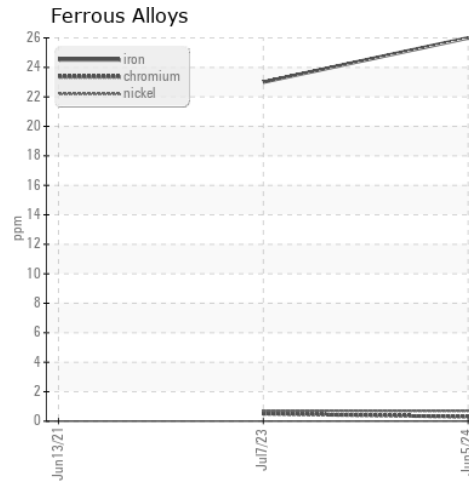
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	17	14	---
Potassium	ppm	ASTM D5185m		36	26	---
Water	%	ASTM D6304	>0.1	NEG	NEG	NEG

SAMPLE IMAGES		method	limit/base	current	history1	history2
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GREASE ANALYSIS

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0044184
Lab Number : 06201940
Unique Number : 11069401
Test Package : IND 2 (Additional Tests: PQ)

Received : 06 Jun 2024
Tested : 20 Jun 2024
Diagnosed : 20 Jun 2024 - Doug Bogart

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)

OUTOKUMPU STAINLESS USA
 HWY 43 N
 CALVERT, AL
 US 36513
 Contact: MARIO JOHNSON
 Mario.johnson@outokumpu.com
 T: (251)321-4105
 F: x: