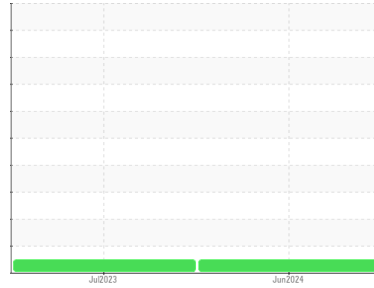




GREASE ANALYSIS

Sample Rating Trend



NORMAL



Area
MELT SHOP
 Machine Id
LADLE TURRETT - 2:30
 Component
Upper Grease
 Fluid
MOBIL MOBILGREASE XHP 461 (--- 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			RP0044238	RP0034967	---
Sample Date	Client Info			05 Jun 2024	07 Jul 2023	---
Machine Age	hrs	Client Info		0	0	---
Grease Age	hrs	Client Info		0	0	---
Grease Serviced	Client Info			N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>250	23	39	---
Chromium	ppm	ASTM D5185m	>10	<1	2	---
Nickel	ppm	ASTM D5185m	>5	<1	1	---
Cadmium	ppm	ASTM D5185m		<1	<1	---
Titanium	ppm	ASTM D5185m		3	2	---
Vanadium	ppm	ASTM D5185m		0	<1	---
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	<1	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	30	244	258	---
Magnesium	ppm	ASTM D5185m	0	65	69	---
Manganese	ppm	ASTM D5185m	0	2	2	---
Molybdenum	ppm	ASTM D5185m	0	<1	<1	---
Phosphorus	ppm	ASTM D5185m	150	32	137	---
Zinc	ppm	ASTM D5185m	250	0	58	---

THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	0	15	17	---
Barium	ppm	ASTM D5185m	0	2	3	---
Calcium	ppm	ASTM D5185m	50	41568	44288	---
Sodium	ppm	ASTM D5185m	0	17	25	---
Lithium	ppm	ASTM D5185m	125	12	157	---

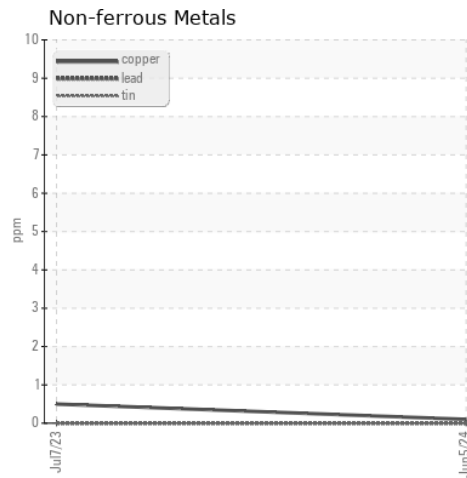
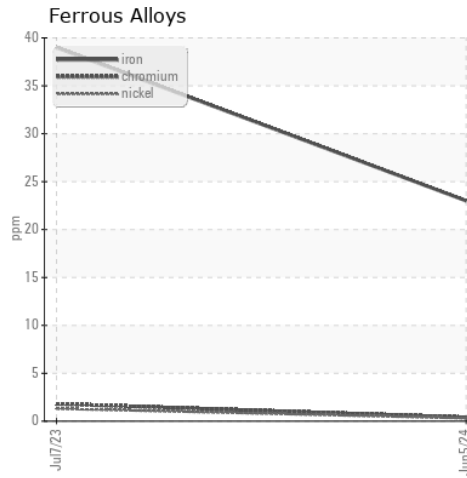
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	31	18	---
Potassium	ppm	ASTM D5185m		40	37	---
Water	%	ASTM D6304	>0.1	NEG	NEG	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
---------------	--	--------	------------	---------	----------	----------

Color						no image
Bottom						no image

GREASE ANALYSIS

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0044238 **Received** : 06 Jun 2024
Lab Number : 06201938 **Tested** : 20 Jun 2024
Unique Number : 11069399 **Diagnosed** : 20 Jun 2024 - Doug Bogart
Test Package : IND 2 (Additional Tests: PQ)

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: