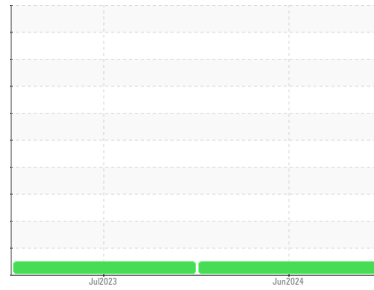




GREASE ANALYSIS

Sample Rating Trend



Area
MELT SHOP
 Machine Id
LADLE TURRETT - 10:30
 Component
Lower 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			RP0044239	RP0034968	---
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	25	20	---
Chromium	ppm	ASTM D5185m	>10	<1	<1	---
Nickel	ppm	ASTM D5185m	>5	<1	<1	---
Cadmium	ppm	ASTM D5185m		<1	0	---
Titanium	ppm	ASTM D5185m		3	2	---
Vanadium	ppm	ASTM D5185m		0	<1	---
Lead	ppm	ASTM D5185m	>25	0	0	---
Copper	ppm	ASTM D5185m	>75	0	<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	252	172	---
Magnesium	ppm	ASTM D5185m	0	71	49	---
Manganese	ppm	ASTM D5185m	0	2	1	---
Molybdenum	ppm	ASTM D5185m	0	<1	<1	---
Phosphorus	ppm	ASTM D5185m	150	31	64	---
Zinc	ppm	ASTM D5185m	250	0	4	---

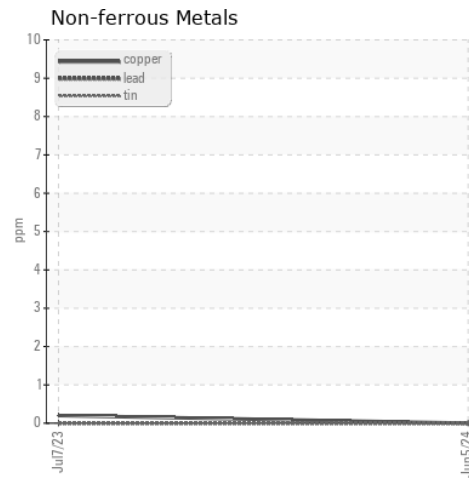
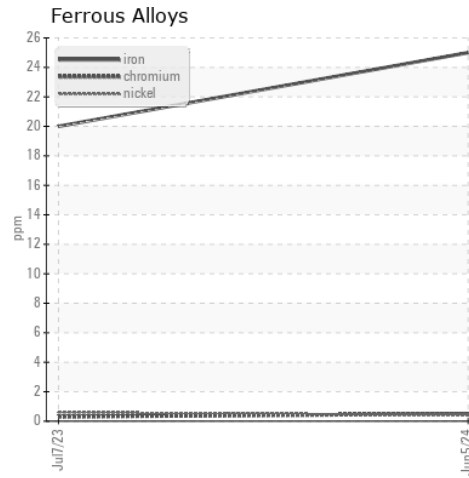
THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	0	17	12	---
Barium	ppm	ASTM D5185m	0	2	2	---
Calcium	ppm	ASTM D5185m	50	41571	44004	---
Sodium	ppm	ASTM D5185m	0	16	16	---
Lithium	ppm	ASTM D5185m	125	8	68	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	67	14	---
Potassium	ppm	ASTM D5185m		42	25	---
Water	%	ASTM D6304	>0.1	NEG	NEG	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						<i>no image</i>
Bottom						<i>no image</i>

GREASE ANALYSIS

GRAPHS



Certificate L2367

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)

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0044239 **Received** : 06 Jun 2024
Lab Number : 06201937 **Tested** : 20 Jun 2024
Unique Number : 11069398 **Diagnosed** : 20 Jun 2024 - Doug Bogart
Test Package : IND 2 (Additional Tests: PQ)

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