



GREASE ANALYSIS

Sample Rating Trend



DIRT



Area
CHEESE DEPT
 Machine Id
VT06AG01-SEC-GREASE
 Component
Grease
 Fluid
MOBIL MOBILITH SHC 007 (2 GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time.

Wear

All component wear rates are normal.

Grease Condition

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

Contaminants

Elemental level of silicon (Si) above normal.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0927487	---	---
Sample Date	Client Info			08 Apr 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Grease Age	hrs	Client Info		0	---	---
Grease Serviced	Client Info			N/A	---	---
Sample Status				ABNORMAL	---	---

WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>200	48	---	---
Iron	ppm	ASTM D5185m	>250	49	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
Nickel	ppm	ASTM D5185m	>5	<1	---	---
Cadmium	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
Lead	ppm	ASTM D5185m	>25	0	---	---
Copper	ppm	ASTM D5185m	>75	46	---	---
Tin	ppm	ASTM D5185m	>5	4	---	---
Silver	ppm	ASTM D5185m	>5	0	---	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	1	208	---	---
Magnesium	ppm	ASTM D5185m	0	<1	---	---
Manganese	ppm	ASTM D5185m	0	<1	---	---
Molybdenum	ppm	ASTM D5185m	4	2	---	---
Phosphorus	ppm	ASTM D5185m	180	1691	---	---
Zinc	ppm	ASTM D5185m	140	2580	---	---

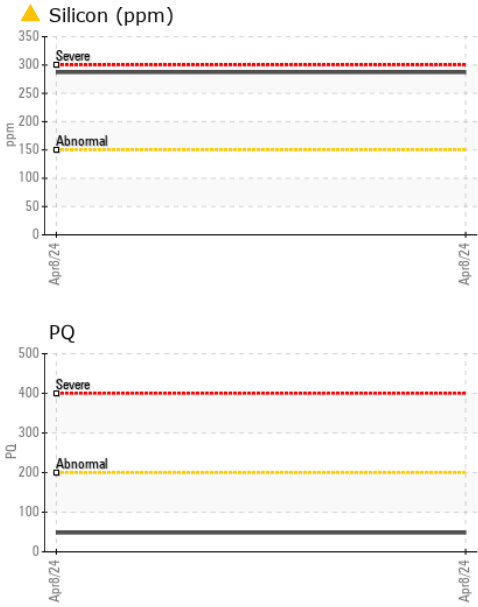
THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	0	2	---	---
Barium	ppm	ASTM D5185m	0	1	---	---
Calcium	ppm	ASTM D5185m	3	47	---	---
Sodium	ppm	ASTM D5185m	12	8	---	---
Lithium	ppm	ASTM D5185m		2196	---	---
Sulfur	ppm	ASTM D5185m	650	6128	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	▲ 287	---	---
Potassium	ppm	ASTM D5185m		2	---	---
Water	%	ASTM D6304	>0.1	NEG	---	---

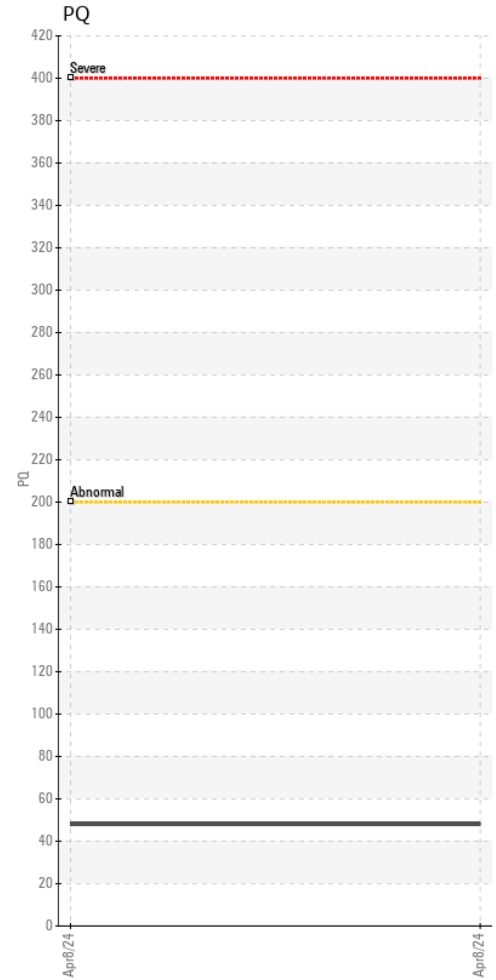
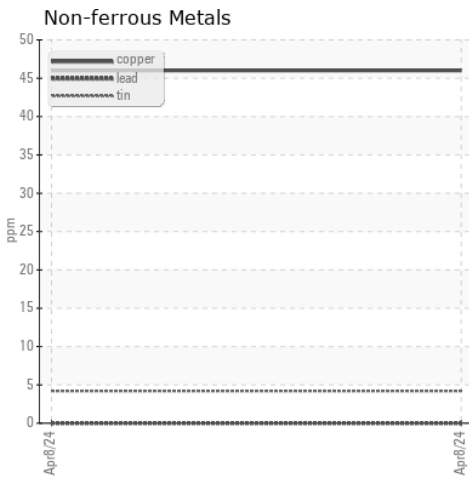
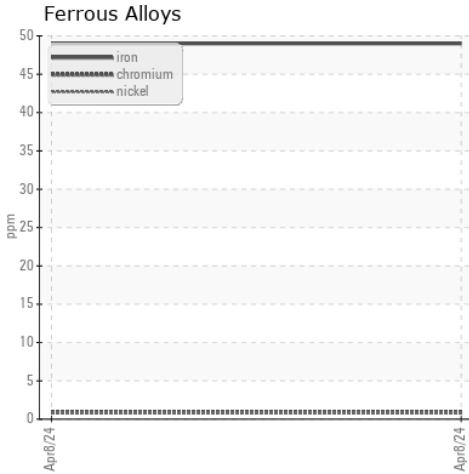
SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color					no image	no image
Bottom					no image	no image

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. : WC0927487 **Received** : 23 Apr 2024
Lab Number : 06158669 **Tested** : 06 May 2024
Unique Number : 10994092 **Diagnosed** : 06 May 2024 - Doug Bogart
Test Package : IND 1 (Additional Tests: KF, PQ)

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