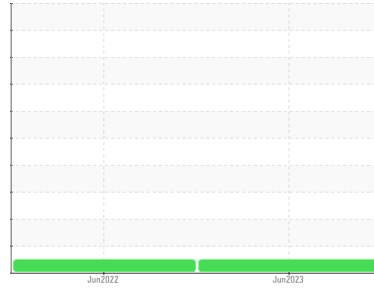




GREASE ANALYSIS

Sample Rating Trend



NORMAL



Area
FRONTIER II
 Machine Id
36WEA86924
 Component
Main Grease
 Fluid
NOT GIVEN (--- LTR)

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			NX05924615	NX05593365	---
Sample Date	Client Info			17 Jun 2023	06 Jun 2022	---
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
PQ		ASTM D8184	>200	532	---	---
Iron	ppm	ASTM D5185m	>250	124	379	---
Chromium	ppm	ASTM D5185m	>10	1	3	---
Nickel	ppm	ASTM D5185m	>5	0	0	---
Cadmium	ppm	ASTM D5185m		<1	<1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
Lead	ppm	ASTM D5185m	>25	0	<1	---
Copper	ppm	ASTM D5185m	>75	11	26	---
Tin	ppm	ASTM D5185m	>5	<1	0	---
Silver	ppm	ASTM D5185m	>5	<1	<1	---

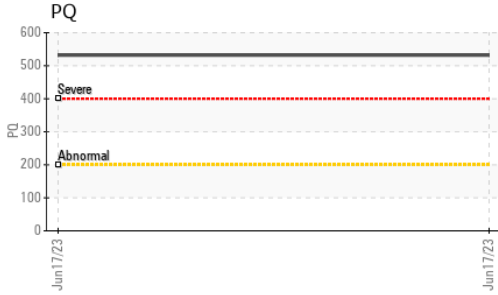
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		154	205	---
Magnesium	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		1	5	---
Molybdenum	ppm	ASTM D5185m		1161	2760	---
Phosphorus	ppm	ASTM D5185m		191	611	---
Zinc	ppm	ASTM D5185m		82	77	---

THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m		0	6	---
Barium	ppm	ASTM D5185m		4	8	---
Calcium	ppm	ASTM D5185m		9	19	---
Sodium	ppm	ASTM D5185m		14	19	---
Lithium	ppm	ASTM D5185m		3071	3368	---
Sulfur	ppm	ASTM D5185m		4506	6145	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	27	53	---
Potassium	ppm	ASTM D5185m		2	2	---

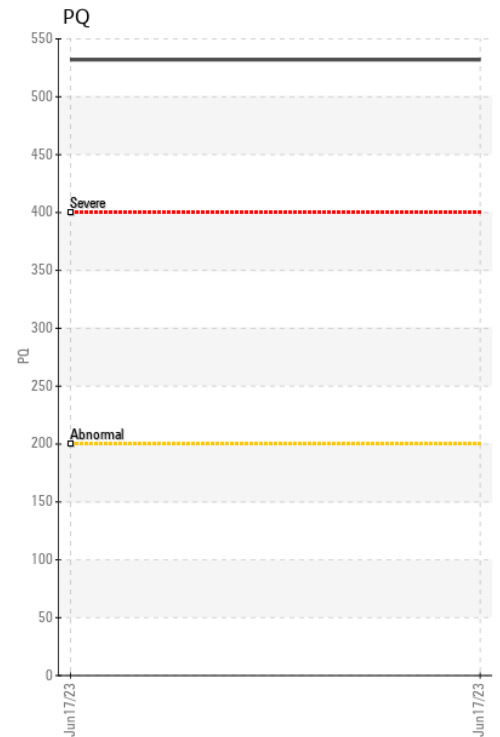
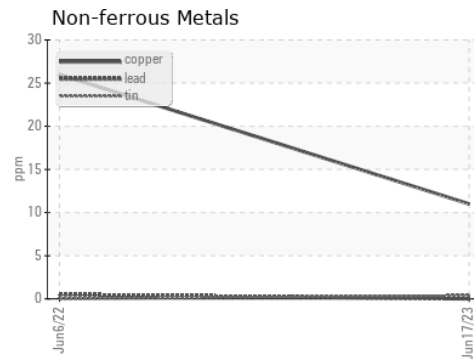
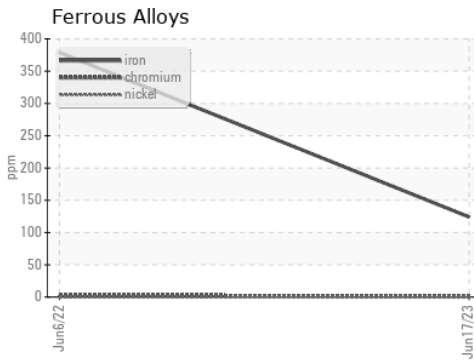
GREASE CONDITION		method	limit/base	current	history1	history2
Grease Color		*Visual		---	Burgundy	---
Texture		*In-house		---	Buttery	---
NLGI Consistency	NLGI Scale	*SKF Method		---	2	---

GREASE ANALYSIS



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX05924615 **Received** : 14 Aug 2023
Lab Number : 05924615 **Diagnosed** : 22 Aug 2023
Unique Number : 10604562 **Diagnostician** : Doug Bogart
Test Package : GRS 1 (Additional Tests: KV40, SCREEN)

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)

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