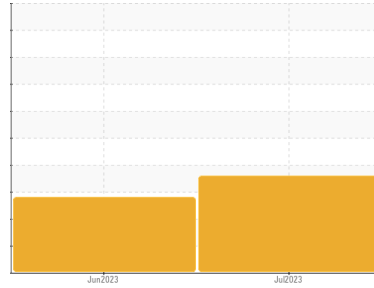




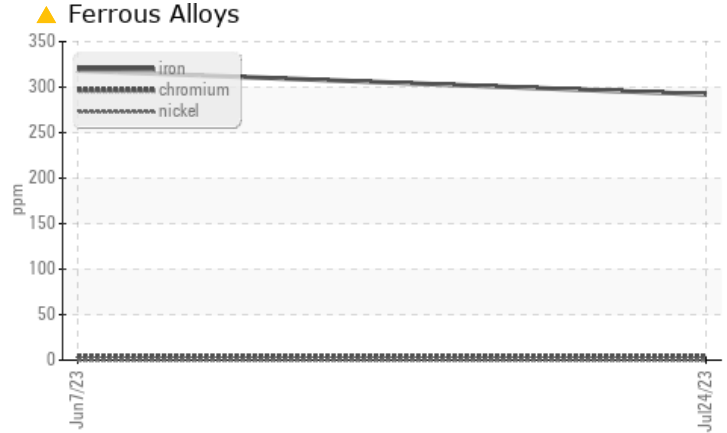
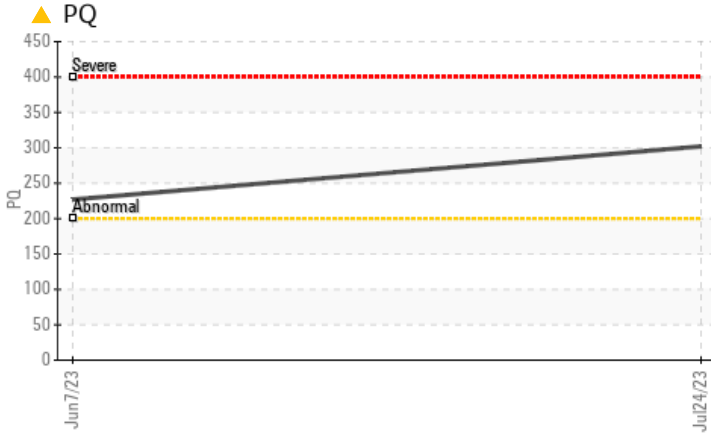
PROBLEM SUMMARY

Area
FRONTIER II
 Machine Id
50WEA86888
 Component
Grease
 Fluid
NOT GIVEN (--- LTR)

Sample Rating Trend



COMPONENT CONDITION SUMMARY



RECOMMENDATION

No corrective action is recommended at this time.
 Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ABNORMAL	---
PQ		ASTM D8184	>200	▲ 302	▲ 227	---
Iron	ppm	ASTM D5185m	>250	▲ 292	▲ 318	---
Silver	ppm	ASTM D5185m	>5	▲ 3	<1	---

Customer Id: NORDEX
 Sample No.: NX05924614
 Lab Number: 05924614
 Test Package: GRS 1



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Doug Bogart +1 (800)237-1369 x4016
dougb@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

07 Jun 2023 Diag: Doug Bogart

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the grease. The condition of the grease is acceptable for the time in service.

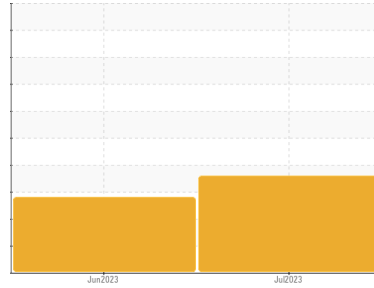
view report





GREASE ANALYSIS

Sample Rating Trend



WEAR



Area
FRONTIER II
 Machine Id
50WEA86888
 Component
Grease
 Fluid
NOT GIVEN (--- LTR)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

▲ Wear

Bearing and/or bushing wear is indicated.

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		NX05924614	NX05884811	---
Sample Date	Client Info		24 Jul 2023	07 Jun 2023	---
Machine Age	hrs	Client Info	13552	0	---
Grease Age	hrs	Client Info	0	0	---
Grease Serviced	Client Info		N/A	N/A	---
Sample Status			ABNORMAL	ABNORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184	>200	▲ 302	▲ 227	---
Iron	ppm	ASTM D5185m	>250	▲ 292	▲ 318
Chromium	ppm	ASTM D5185m	>10	4	4
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	<1	<1
Copper	ppm	ASTM D5185m	>75	16	18
Tin	ppm	ASTM D5185m	>5	0	0
Silver	ppm	ASTM D5185m	>5	▲ 3	<1

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		158	162
Magnesium	ppm	ASTM D5185m		0	0
Manganese	ppm	ASTM D5185m		2	2
Molybdenum	ppm	ASTM D5185m		3346	3698
Phosphorus	ppm	ASTM D5185m		662	697
Zinc	ppm	ASTM D5185m		136	133

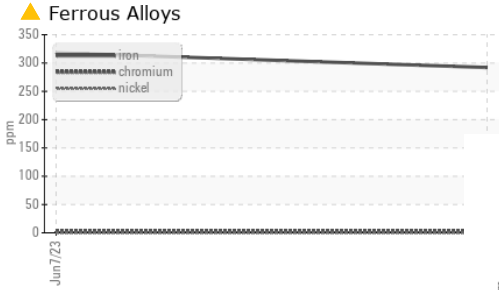
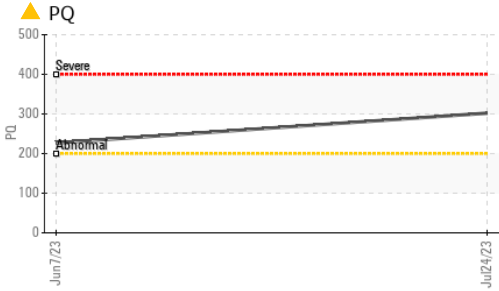
THICKENER/SOAP

	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m		0	0
Barium	ppm	ASTM D5185m		10	9
Calcium	ppm	ASTM D5185m		23	23
Sodium	ppm	ASTM D5185m		11	4
Lithium	ppm	ASTM D5185m		3416	3643
Sulfur	ppm	ASTM D5185m		4639	4846

CONTAMINANTS

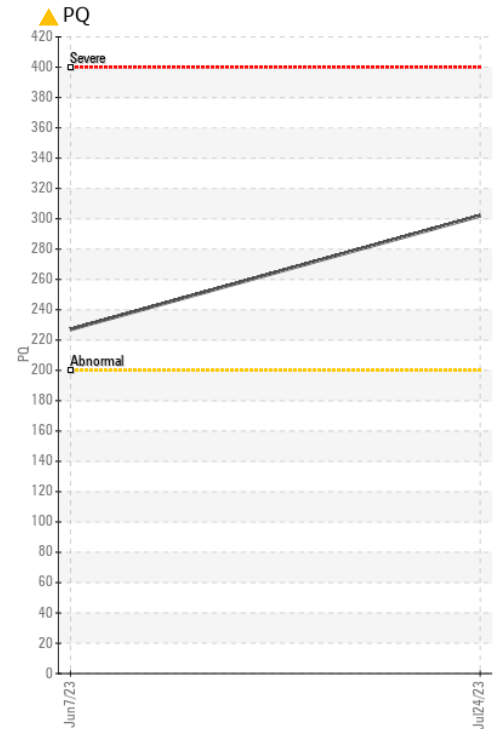
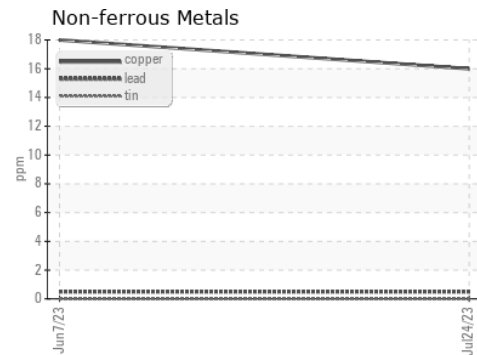
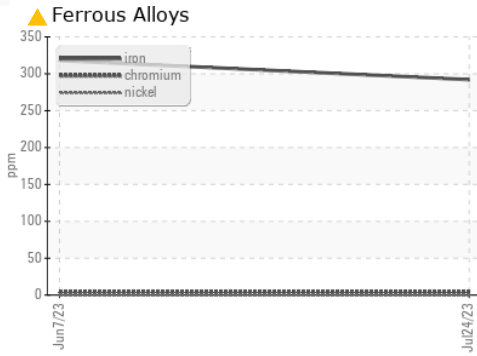
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	64	67
Potassium	ppm	ASTM D5185m		3	2

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. : NX05924614 **Received** : 14 Aug 2023
Lab Number : 05924614 **Diagnosed** : 22 Aug 2023
Unique Number : 10604561 **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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