



# GREASE ANALYSIS

Sample Rating Trend

**NORMAL**



Area  
**FRONTIER II [200006776]**  
 Machine Id  
**20WEA86900**  
 Component  
**Grease**  
 Fluid  
**NOT GIVEN (--- LTR)**



## DIAGNOSIS

**Recommendation**  
 No corrective action is recommended at this time.

**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	<b>NX06026962</b>	---	---
Sample Date	Client Info	<b>28 Nov 2023</b>	---	---
Machine Age	hrs Client Info	<b>0</b>	---	---
Grease Age	hrs Client Info	<b>0</b>	---	---
Grease Serviced	Client Info	<b>N/A</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	<b>NEG</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184 >200	<b>289</b>	---	---
Iron	ppm ASTM D5185m >250	<b>372</b>	---	---
Chromium	ppm ASTM D5185m >10	<b>5</b>	---	---
Nickel	ppm ASTM D5185m >5	<b>0</b>	---	---
Cadmium	ppm ASTM D5185m	<b>2</b>	---	---
Titanium	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Vanadium	ppm ASTM D5185m	<b>2</b>	---	---
Lead	ppm ASTM D5185m >25	<b>&lt;1</b>	---	---
Copper	ppm ASTM D5185m >75	<b>19</b>	---	---
Tin	ppm ASTM D5185m >5	<b>0</b>	---	---
Silver	ppm ASTM D5185m >5	<b>&lt;1</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	<b>193</b>	---	---
Magnesium	ppm ASTM D5185m	<b>0</b>	---	---
Manganese	ppm ASTM D5185m	<b>3</b>	---	---
Molybdenum	ppm ASTM D5185m	<b>4054</b>	---	---
Phosphorus	ppm ASTM D5185m	<b>766</b>	---	---
Zinc	ppm ASTM D5185m	<b>202</b>	---	---

## THICKENER/SOAP

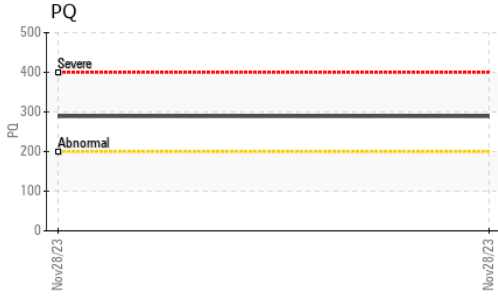
method	limit/base	current	history1	history2
Aluminum	ppm ASTM D5185m	<b>0</b>	---	---
Barium	ppm ASTM D5185m	<b>12</b>	---	---
Calcium	ppm ASTM D5185m	<b>18</b>	---	---
Sodium	ppm ASTM D5185m	<b>20</b>	---	---
Lithium	ppm ASTM D5185m	<b>3824</b>	---	---
Sulfur	ppm ASTM D5185m	<b>5705</b>	---	---



## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >150	<b>82</b>	---	---
Potassium	ppm ASTM D5185m	<b>7</b>	---	---

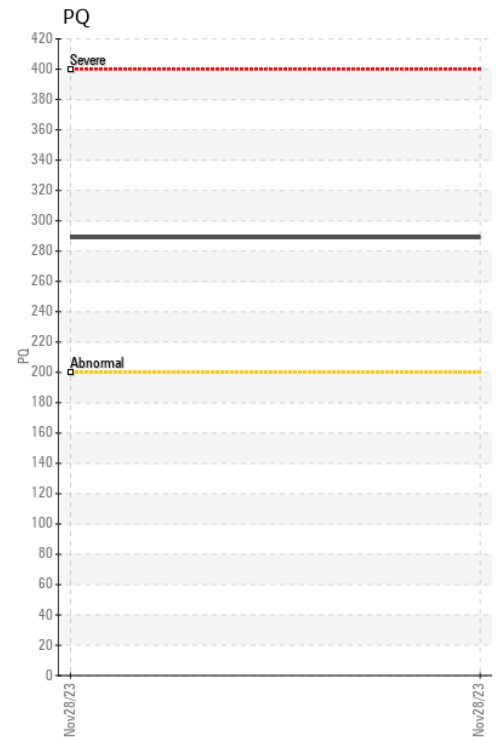
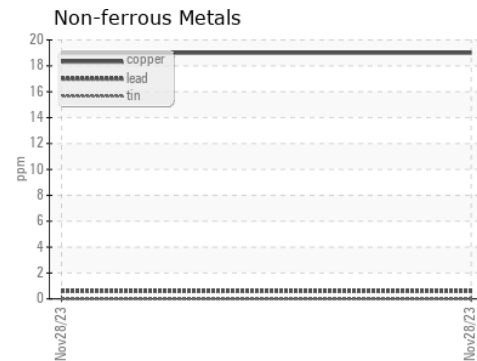
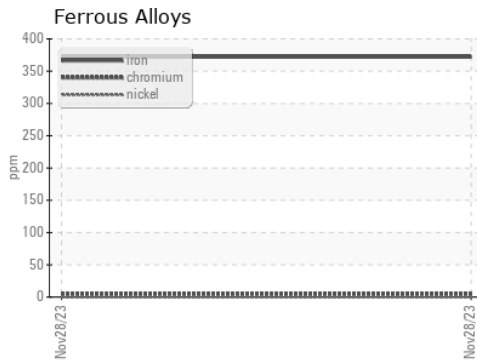


# GREASE ANALYSIS



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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : NX06026962    **Received** : 06 Dec 2023  
**Lab Number** : 06026962    **Diagnosed** : 26 Dec 2023  
**Unique Number** : 10776753    **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)

**NORDEX USA - Chicago**  
 300 SOUTH WACKER DRIVE, SUITE 1500  
 CHICAGO, IL  
 US 60606

Contact: DEVIN LINEHAN  
 DLinehan@nordex-online.com

T: (312)386-4124  
 F: (312)386-7102