



GREASE ANALYSIS

Sample Rating Trend

NORMAL



Area
FRONTIER II [200006776]
 Machine Id
71WEA86955
 Component
Front 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 AN level is acceptable for this fluid.

Contaminants
 The water content is negligible. There is no indication of any contamination in the grease.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		NX008407	---	---
Sample Date	Client Info		06 Oct 2021	---	---
Machine Age	hrs Client Info		0	---	---
Grease Age	hrs Client Info		0	---	---
Grease Serviced	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184	>200	88	---	---
Iron	ppm ASTM D5185m	>250	93	---	---
Chromium	ppm ASTM D5185m	>10	2	---	---
Nickel	ppm ASTM D5185m	>5	1	---	---
Cadmium	ppm ASTM D5185m		0	---	---
Titanium	ppm ASTM D5185m		0	---	---
Vanadium	ppm ASTM D5185m		0	---	---
Lead	ppm ASTM D5185m	>25	1	---	---
Copper	ppm ASTM D5185m	>75	13	---	---
Tin	ppm ASTM D5185m	>5	<1	---	---
Silver	ppm ASTM D5185m	>5	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m		169	---	---
Magnesium	ppm ASTM D5185m		<1	---	---
Manganese	ppm ASTM D5185m		3	---	---
Molybdenum	ppm ASTM D5185m		<1	---	---
Phosphorus	ppm ASTM D5185m		14	---	---
Zinc	ppm ASTM D5185m		21	---	---
Antimony	ppm ASTM D5185m		0	---	---

THICKENER/SOAP

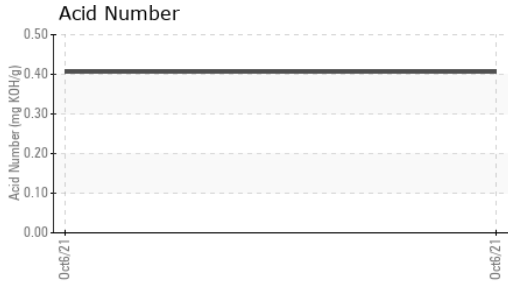
	method	limit/base	current	history1	history2
Aluminum	ppm ASTM D5185m		<1	---	---
Barium	ppm ASTM D5185m		0	---	---
Calcium	ppm ASTM D5185m		8	---	---
Sodium	ppm ASTM D5185m		13	---	---
Lithium	ppm ASTM D5185m		2891	---	---
Sulfur	ppm ASTM D5185m		4815	---	---

CONTAMINANTS

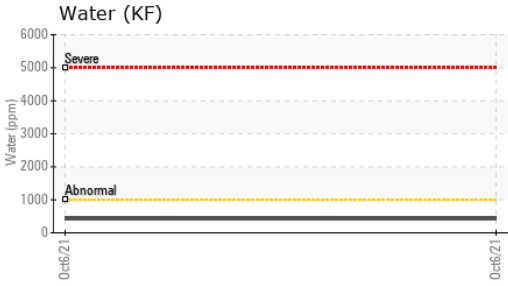
	method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m	>150	21	---	---
Potassium	ppm ASTM D5185m		1	---	---
Water	% ASTM D6304	>0.1	0.042	---	---
ppm Water	ppm ASTM D6304	>1000	425.6	---	---



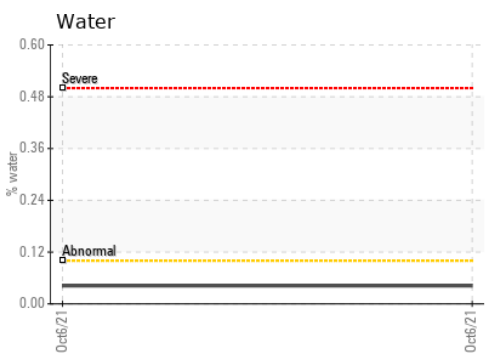
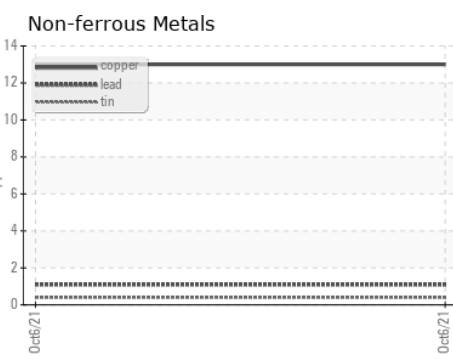
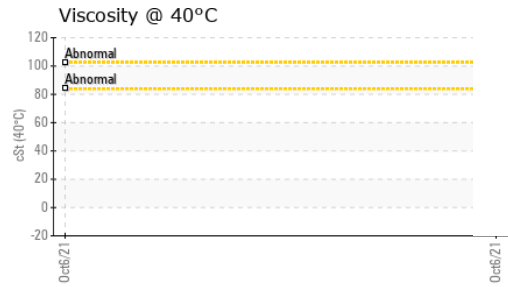
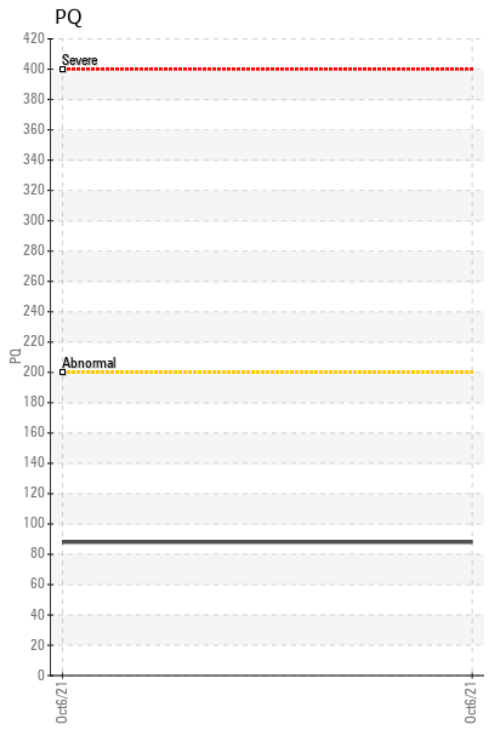
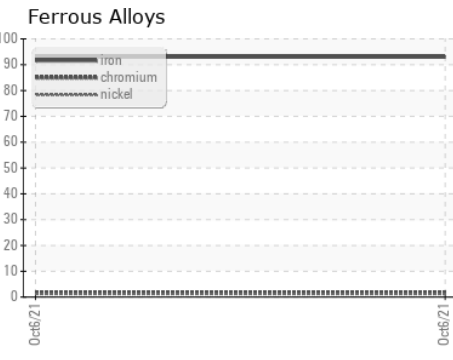
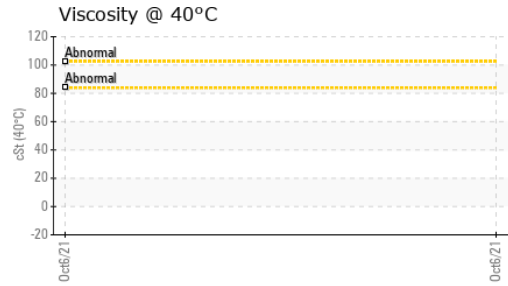
GREASE ANALYSIS



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



GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX008407 **Received** : 05 Nov 2021
Lab Number : 05392878 **Diagnosed** : 12 Nov 2021
Unique Number : 9727011 **Diagnostician** : Doug Bogart
Test Package : GRS 1 (Additional Tests: KF, KV40, PrtCount, SCREEN)

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

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)