



GREASE ANALYSIS

Sample Rating Trend

NORMAL



Area
FRONTIER II [200006776]
 Machine Id
53WEA86927
 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	NX06026956	---	---
Sample Date	Client Info	28 Nov 2023	---	---
Machine Age	hrs Client Info	0	---	---
Grease Age	hrs Client Info	0	---	---
Grease Serviced	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184 >200	108	---	---
Iron	ppm ASTM D5185m >250	156	---	---
Chromium	ppm ASTM D5185m >10	2	---	---
Nickel	ppm ASTM D5185m >5	0	---	---
Cadmium	ppm ASTM D5185m	2	---	---
Titanium	ppm ASTM D5185m	<1	---	---
Vanadium	ppm ASTM D5185m	2	---	---
Lead	ppm ASTM D5185m >25	1	---	---
Copper	ppm ASTM D5185m >75	42	---	---
Tin	ppm ASTM D5185m >5	0	---	---
Silver	ppm ASTM D5185m >5	<1	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	212	---	---
Magnesium	ppm ASTM D5185m	0	---	---
Manganese	ppm ASTM D5185m	1	---	---
Molybdenum	ppm ASTM D5185m	4647	---	---
Phosphorus	ppm ASTM D5185m	886	---	---
Zinc	ppm ASTM D5185m	235	---	---

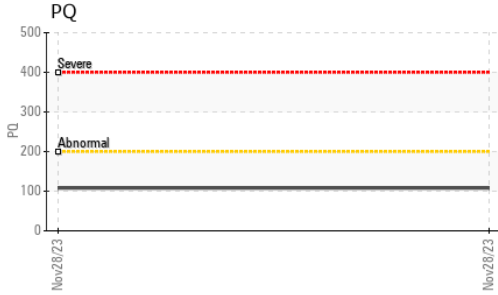
THICKENER/SOAP



method	limit/base	current	history1	history2
Aluminum	ppm ASTM D5185m	0	---	---
Barium	ppm ASTM D5185m	14	---	---
Calcium	ppm ASTM D5185m	20	---	---
Sodium	ppm ASTM D5185m	20	---	---
Lithium	ppm ASTM D5185m	3887	---	---
Sulfur	ppm ASTM D5185m	6184	---	---

CONTAMINANTS

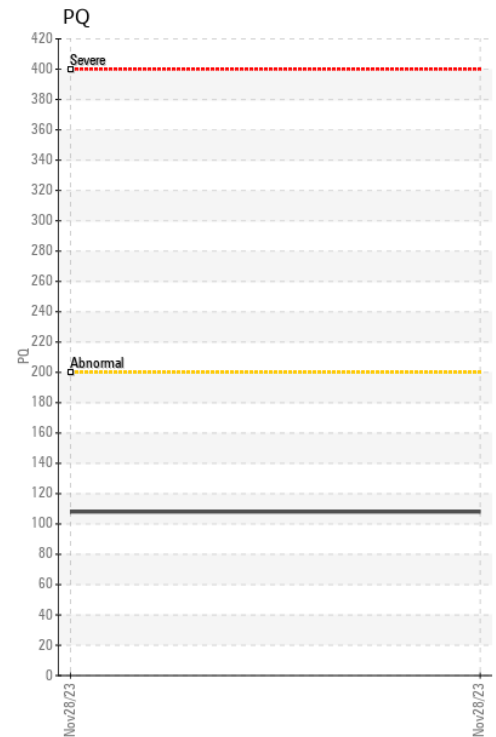
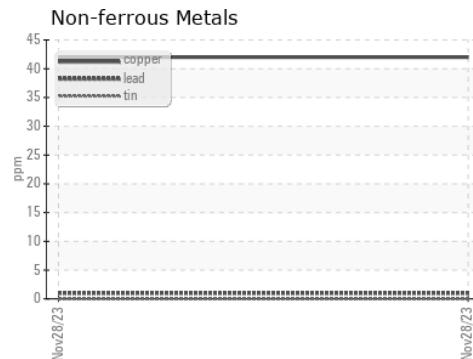
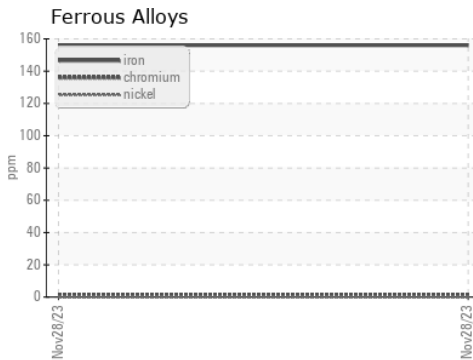
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >150	91	---	---
Potassium	ppm ASTM D5185m	6	---	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX06026956 **Received** : 06 Dec 2023
Lab Number : 06026956 **Diagnosed** : 26 Dec 2023
Unique Number : 10776747 **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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