

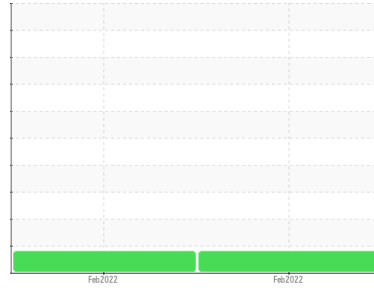


PROBLEM SUMMARY

Sample Rating Trend

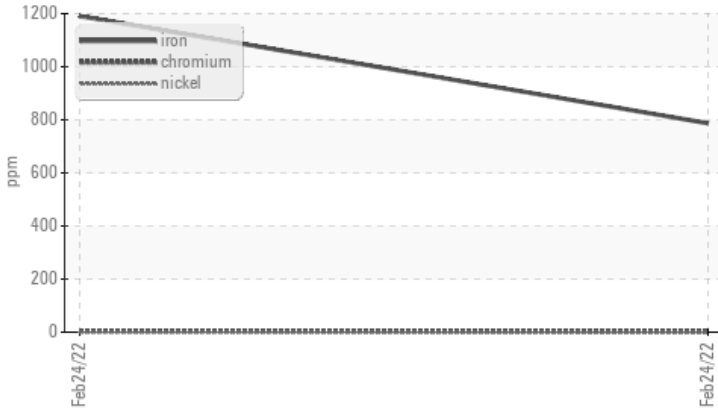
WEAR

Area
DAKOTA RANGE III [200006928]
 Machine Id
15WEA87752 - C-04
 Component
Grease
 Fluid
MOBIL SHC GREASE 460 WT (--- LTR)



COMPONENT CONDITION SUMMARY

▲ Ferrous Alloys



RECOMMENDATION

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. NOTE: one of two samples received with same ID.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ABNORMAL	---
Iron	ppm	ASTM D5185m	>250	▲ 1191	▲ 787	---

Customer Id: NORDEX
 Sample No.: NX05576099
 Lab Number: 05576099
 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

Action	Status	Date	Done By	Description
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS

24 Feb 2022 Diag: Doug Bogart

WEAR



No corrective action is recommended at this time. We recommend an early resample to monitor this condition.
NOTE: one of two samples received with same ID. The iron level is abnormal. Insufficient sample was received to conduct all the routine laboratory tests. There is no indication of any contamination in the grease. The condition of the greases additive package is suitable for further service.

view report





GREASE ANALYSIS

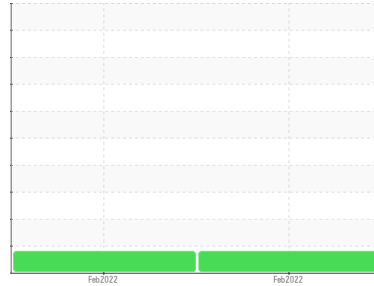
Sample Rating Trend

WEAR

Area
DAKOTA RANGE III [200006928]

Machine Id
15WEA87752 - C-04

Component
Grease
Fluid
MOBIL SHC GREASE 460 WT (--- LTR)



DIAGNOSIS

Recommendation

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. NOTE: one of two samples received with same ID.

Wear

The iron level is abnormal.

Grease Condition

The condition of the greases additive package is suitable for further service.

Contaminants

Insufficient sample was received to conduct all the routine laboratory tests. There is no indication of any contamination in the grease.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			NX05576099	NX05576098	---
Sample Date	Client Info			24 Feb 2022	24 Feb 2022	---
Machine Age	hrs	Client Info		5170	5170	---
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
Iron	ppm	ASTM D5185m	>250	▲ 1191	▲ 787	---
Chromium	ppm	ASTM D5185m	>10	5	3	---
Nickel	ppm	ASTM D5185m	>5	<1	<1	---
Cadmium	ppm	ASTM D5185m		0	0	---
Titanium	ppm	ASTM D5185m		1	<1	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
Lead	ppm	ASTM D5185m	>25	2	1	---
Copper	ppm	ASTM D5185m	>75	41	29	---
Tin	ppm	ASTM D5185m	>5	0	<1	---
Silver	ppm	ASTM D5185m	>5	1	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		112	99	---
Magnesium	ppm	ASTM D5185m		2	2	---
Manganese	ppm	ASTM D5185m		15	12	---
Molybdenum	ppm	ASTM D5185m		435	399	---
Phosphorus	ppm	ASTM D5185m		87	69	---
Zinc	ppm	ASTM D5185m		66	65	---

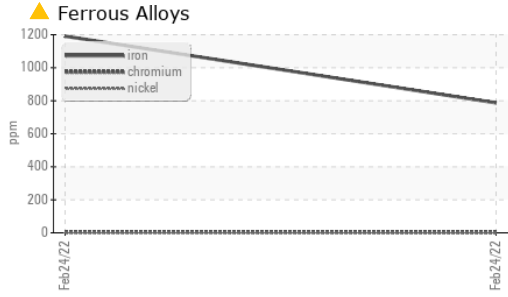
THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m		2	3	---
Barium	ppm	ASTM D5185m		<1	<1	---
Calcium	ppm	ASTM D5185m		13	14	---
Sodium	ppm	ASTM D5185m		20	15	---
Lithium	ppm	ASTM D5185m		3084	2841	---
Sulfur	ppm	ASTM D5185m		3360	3027	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	39	43	---
Potassium	ppm	ASTM D5185m		2	2	---

GREASE CONDITION		method	limit/base	current	history1	history2
Grease Color		*Visual	Red	Burgundy	Burgundy	---
Texture		*In-house		Buttery	Buttery	---
NLGI Consistency	NLGI Scale	*SKF Method	1.5	2	2	---

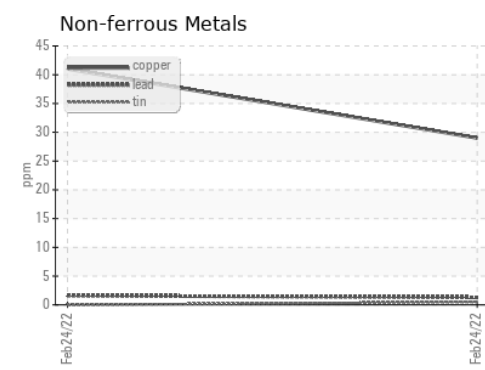
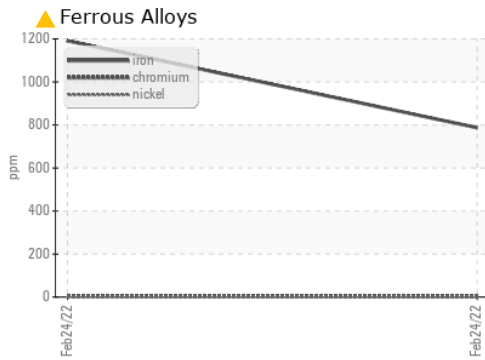


GREASE ANALYSIS



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. : NX05576099 **Received** : 23 Jun 2022
Lab Number : 05576099 **Diagnosed** : 05 Jul 2022
Unique Number : 10025516 **Diagnostician** : Doug Bogart
Test Package : GRS 1 (Additional Tests: KF, KV40, SCREEN)

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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)