



GREASE ANALYSIS

Sample Rating Trend

NORMAL



Machine Id
1040356181
Component
Opposite Drive End Grease
Fluid
NOT GIVEN (--- GAL)



DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample.

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		WC0867897	---	---
Sample Date	Client Info		11 Oct 2023	---	---
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
Iron	ppm	ASTM D5185m >250	23	---	---
Chromium	ppm	ASTM D5185m >10	<1	---	---
Nickel	ppm	ASTM D5185m >5	3	---	---
Cadmium	ppm	ASTM D5185m	0	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Lead	ppm	ASTM D5185m >25	0	---	---
Copper	ppm	ASTM D5185m >75	<1	---	---
Tin	ppm	ASTM D5185m >5	<1	---	---
Silver	ppm	ASTM D5185m >5	<1	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	67	---	---
Magnesium	ppm	ASTM D5185m	2	---	---
Manganese	ppm	ASTM D5185m	2	---	---
Molybdenum	ppm	ASTM D5185m	<1	---	---
Phosphorus	ppm	ASTM D5185m	824	---	---
Zinc	ppm	ASTM D5185m	34	---	---

THICKENER/SOAP

	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	1	---	---
Barium	ppm	ASTM D5185m	<1	---	---
Calcium	ppm	ASTM D5185m	12	---	---
Sodium	ppm	ASTM D5185m	21	---	---
Lithium	ppm	ASTM D5185m	10	---	---
Sulfur	ppm	ASTM D5185m	1998	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >150	1310	---	---
Potassium	ppm	ASTM D5185m	3	---	---

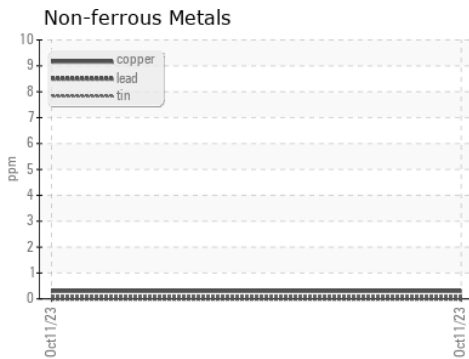
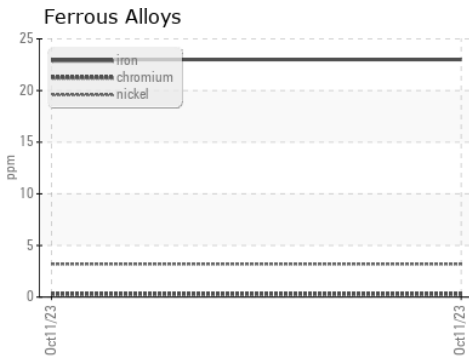
GREASE CONDITION

	method	limit/base	current	history1	history2
Grease Color	*Visual		Blue	---	---
Texture	*In-house		Buttery	---	---
NLGI Consistency	NLGI Scale *SKF Method		2-3	---	---

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



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0867897 **Received** : 17 Oct 2023
Lab Number : **05981572** **Diagnosed** : 08 Nov 2023
Unique Number : 10698867 **Diagnostician** : Doug Bogart
Test Package : GRS 1

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 500 57TH ST
 MARION, IA
 US 52302
 Contact: GARY EDWARDS
 gedwards@hupp-electric.com
 T: (319)366-0761
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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)