



GREASE ANALYSIS

Sample Rating Trend

ADDITIVES

Area
LSGS PLANT 1
Machine Id
G2 BULKHEAD

Component
Grease
Fluid
SKF LGWM 2 Grease (--- GAL)



DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample. Please contact your representative for information regarding the proper sampling kits for your service. Please submit a PO# to upgrade this sample to a WC-GRS-1 sample kit (\$95+HST).

Wear

Component wear rates appear to be normal (unconfirmed).

Grease Condition

Additive levels indicate the addition of a different brand, or type of grease.

Contaminants

There is no indication of any contamination in the component(unconfirmed).

SAMPLE INFORMATION

method	limit/base	current	history 1	history 2
Sample Number	Client Info	WC0801004	---	---
Sample Date	Client Info	18 May 2023	---	---
Machine Age	yrs Client Info	10	---	---
Grease Age	yrs Client Info	2	---	---
Grease Serviced	Client Info	Not Chngd	---	---
Sample Status		ATTENTION	---	---

WEAR METALS

method	limit/base	current	history 1	history 2
Iron ppm ASTM D5185(m)	>250	15	---	---
Chromium ppm ASTM D5185(m)	>10	0	---	---
Nickel ppm ASTM D5185(m)	>5	<1	---	---
Cadmium ppm ASTM D5185(m)		0	---	---
Titanium ppm ASTM D5185(m)		<1	---	---
Vanadium ppm ASTM D5185(m)		0	---	---
Lead ppm ASTM D5185(m)	>25	<1	---	---
Copper ppm ASTM D5185(m)	>75	5	---	---
Tin ppm ASTM D5185(m)	>5	0	---	---
Silver ppm ASTM D5185(m)	>5	0	---	---

ADDITIVES

method	limit/base	current	history 1	history 2
Boron ppm ASTM D5185(m)	250	224	---	---
Magnesium ppm ASTM D5185(m)	0	6	---	---
Manganese ppm ASTM D5185(m)	0	<1	---	---
Molybdenum ppm ASTM D5185(m)	0	0	---	---
Phosphorus ppm ASTM D5185(m)	0	▲ 76	---	---
Zinc ppm ASTM D5185(m)	0	▲ 71	---	---
Antimony ppm ASTM D5185(m)		0	---	---

THICKENER/SOAP

method	limit/base	current	history 1	history 2
Aluminum ppm ASTM D5185(m)	0	3	---	---
Barium ppm ASTM D5185(m)	0	0	---	---
Calcium ppm ASTM D5185(m)	5500	4100	---	---
Sodium ppm ASTM D5185(m)	0	4	---	---
Lithium ppm ASTM D5185(m)		78	---	---
Sulfur ppm ASTM D5185(m)	875	863	---	---

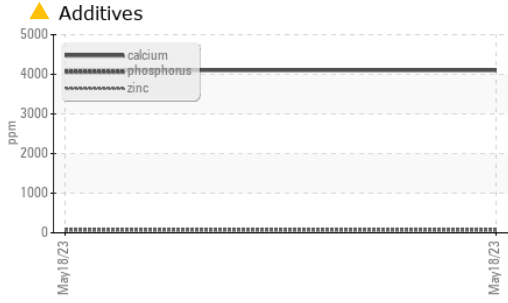
CONTAMINANTS

method	limit/base	current	history 1	history 2
Silicon ppm ASTM D5185(m)	>150	7	---	---
Potassium ppm ASTM D5185(m)		2	---	---

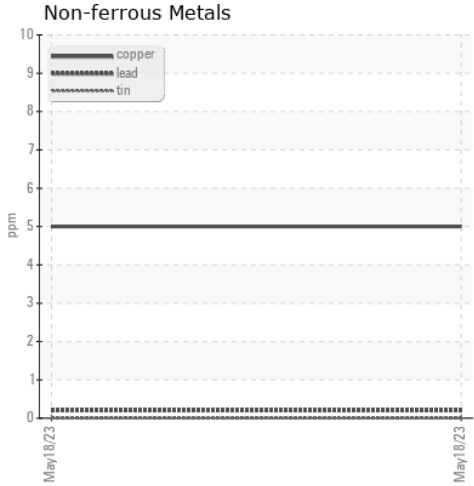
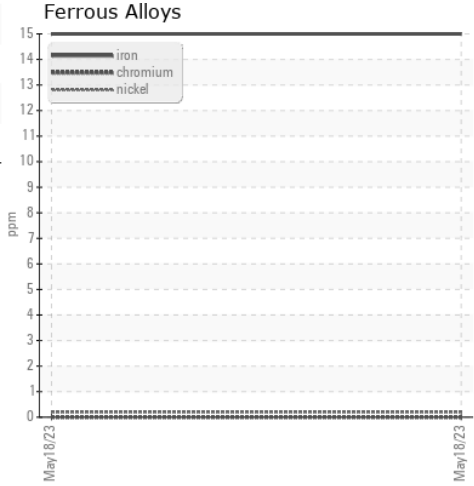
SAMPLE IMAGES

method	limit/base	current	history 1	history 2
Color			no image	no image
Bottom			no image	no image

GREASE ANALYSIS



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0801004
Lab Number : **02560452**
Unique Number : 5581492
Test Package : TEST (Additional Tests: ICP)

PETERBOROUGH UTILITIES INC
 1867 ASHBURNHAM DRIVE
 PETERBOROUGH, ON
 CA K9L 1P8
 Contact: Dan Brown
 dbrown@peterboroughutilities.ca
 T: (705)933-6893
 F: (705)748-3138

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.