



GREASE ANALYSIS

WEAR	NORMAL
GREASE CONDITION	NORMAL
CONTAMINANTS	NORMAL

Area
Direct Strip Mill/Caster
 Machine Id
DSC222 NORTH EAST
 Component
Grease
 Fluid
FUCHS RENOLIT SUPERPLEX 2 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0652685	WC0652683	WC0804688
Sample Date		Client Info		26 Feb 2024	25 Sep 2023	25 Jun 2023
Machine Age	hrs	Client Info		0	0	0
Grease Age	hrs	Client Info		0	0	0
Grease Serviced		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184*	>200	80	470	1160
Iron	ppm	ASTM D5185(m)	>250	23	67	45
Chromium	ppm	ASTM D5185(m)	>10	0	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Lead	ppm	ASTM D5185(m)	>25	0	<1	<1
Copper	ppm	ASTM D5185(m)	>75	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>5	0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	<1	<1

GREASE CONDITION

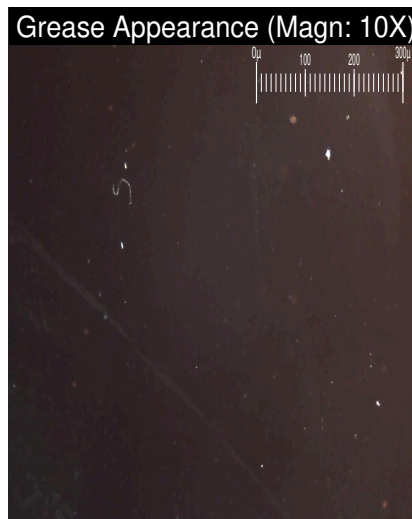
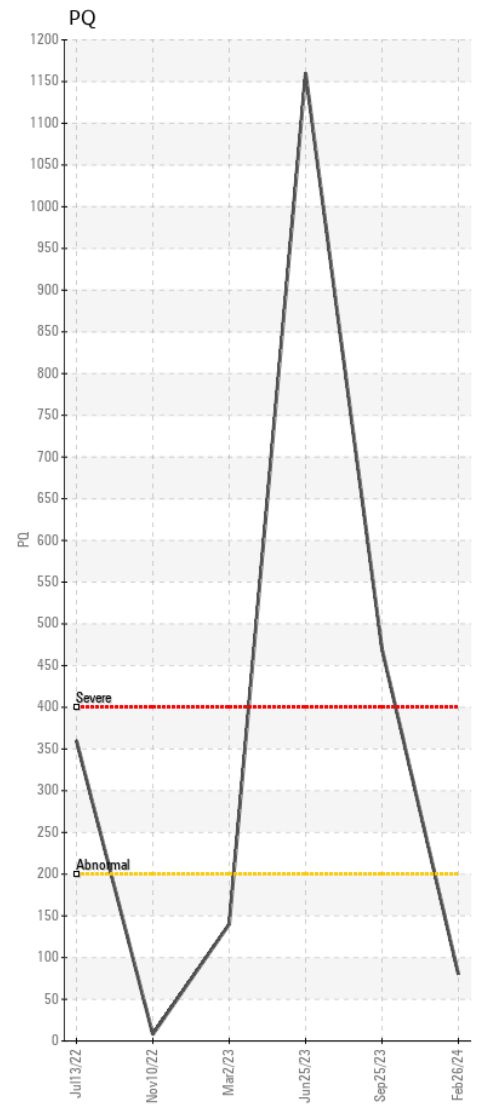
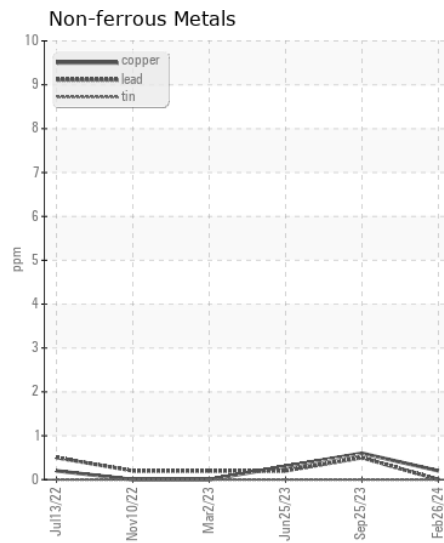
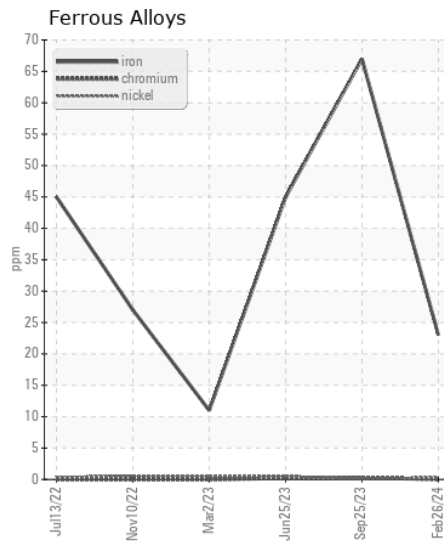
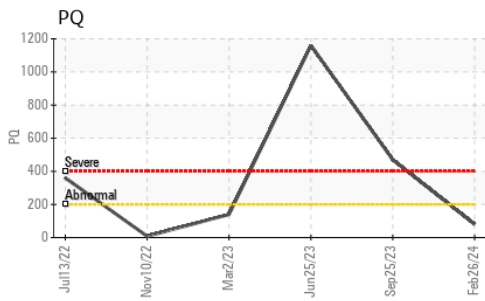
The condition of the grease is acceptable for the time in service.

Boron	ppm	ASTM D5185(m)		2	<1	0
Magnesium	ppm	ASTM D5185(m)		4	3	<1
Manganese	ppm	ASTM D5185(m)		0	0	<1
Molybdenum	ppm	ASTM D5185(m)		4	9	1
Phosphorus	ppm	ASTM D5185(m)		0	<1	<1
Zinc	ppm	ASTM D5185(m)		<1	<1	2
Aluminum	ppm	ASTM D5185(m)		257	280	161
Barium	ppm	ASTM D5185(m)		<1	<1	0
Calcium	ppm	ASTM D5185(m)		20	12	10
Sodium	ppm	ASTM D5185(m)		16	35	3
Lithium	ppm	ASTM D5185(m)		<1	<1	<1
Sulfur	ppm	ASTM D5185(m)		486	451	379
Grease Color		Visual*	Black	Black	Black	Black
Texture		In-house*	Tacky	Tacky	Long fiber	Stringy
NLGI Consistency	NLGI Scale	SKF Method*	2	2	2	2

CONTAMINANTS

There is no indication of any contamination in the grease.

Water		WC Method	>0.1	NEG	NEG	NEG
Silicon	ppm	ASTM D5185(m)	>150	14	4	2
Potassium	ppm	ASTM D5185(m)		1	<1	<1



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0652685
Lab Number : 02620058
Unique Number : 5737168
Test Package : GRS 1 (Additional Tests: BottomAnalysis)
Received : 05 Mar 2024
Tested : 05 Mar 2024
Diagnosed : 05 Mar 2024 - Bill Quesnel

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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.