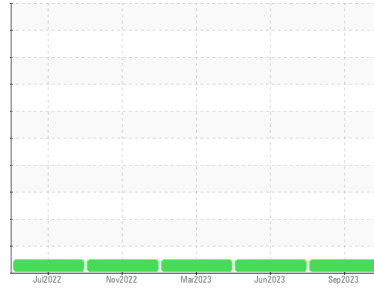




GREASE ANALYSIS

Sample Rating Trend

NORMAL



Area
Direct Strip Mill/Caster
 Machine Id
DSPC TURRET GREASE SOUTH WEST (DSC223)
 Component
Grease
 Fluid
FUCHS RENOLIT SUPERPLEX 2 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

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			WC0652682	WC0804689	WC0652681
Sample Date	Client Info			25 Sep 2023	22 Jun 2023	02 Mar 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 METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*	>200	620	1110	160
Iron	ppm	ASTM D5185(m)	>250	70	41	10
Chromium	ppm	ASTM D5185(m)	>10	<1	<1	0
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Cadmium	ppm	ASTM D5185(m)		0	0	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	<1
Lead	ppm	ASTM D5185(m)	>25	<1	<1	1
Copper	ppm	ASTM D5185(m)	>75	<1	<1	0
Tin	ppm	ASTM D5185(m)	>5	0	0	0
Silver	ppm	ASTM D5185(m)	>5	<1	<1	0

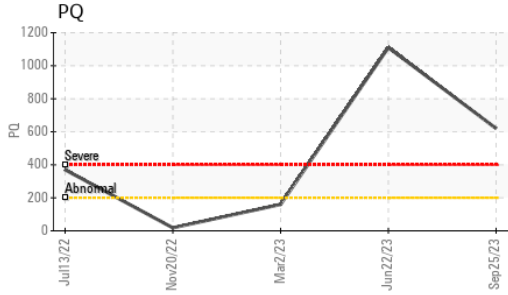
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<1	<1	1
Magnesium	ppm	ASTM D5185(m)		2	1	2
Manganese	ppm	ASTM D5185(m)		0	<1	0
Molybdenum	ppm	ASTM D5185(m)		8	1	2
Phosphorus	ppm	ASTM D5185(m)		1	0	2
Zinc	ppm	ASTM D5185(m)		<1	2	2
Antimony	ppm	ASTM D5185(m)		64	47	51

THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)		265	163	163
Barium	ppm	ASTM D5185(m)		<1	0	0
Calcium	ppm	ASTM D5185(m)		11	11	11
Sodium	ppm	ASTM D5185(m)		32	5	4
Lithium	ppm	ASTM D5185(m)		<1	<1	<1
Sulfur	ppm	ASTM D5185(m)		447	382	435

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>150	4	3	5
Potassium	ppm	ASTM D5185(m)		0	0	<1

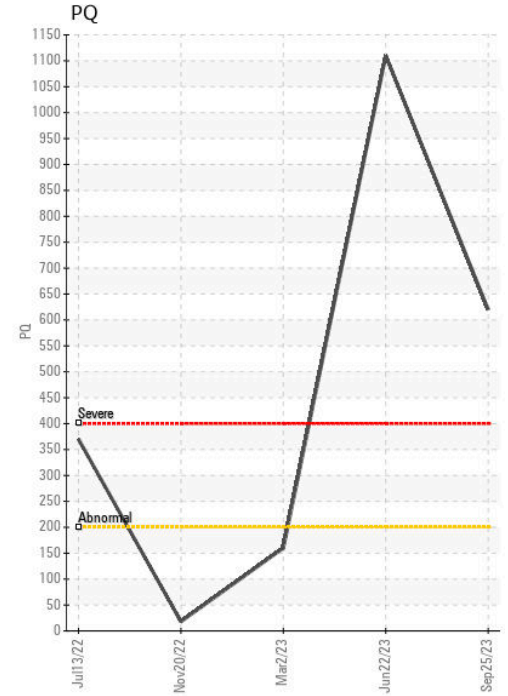
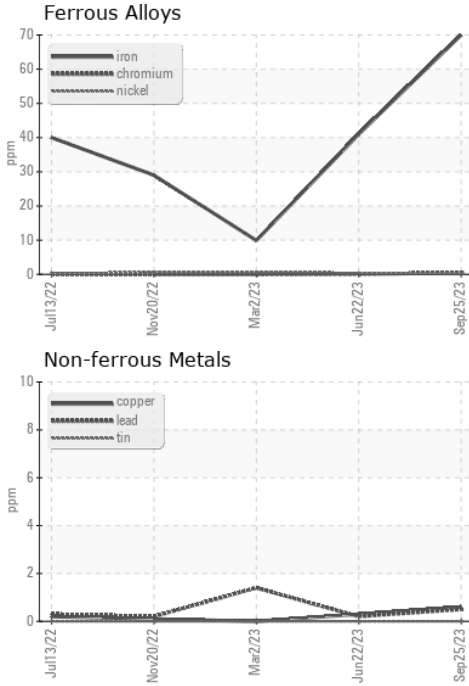
GREASE CONDITION		method	limit/base	current	history1	history2
Grease Color	Visual*	Black		Black	Black	Black
Texture	In-house*	Tacky		Long fiber	Stringy	Buttery
NLGI Consistency	NLGI Scale SKF Method*	2		1-2	2	1

GREASE ANALYSIS



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					
PrtFilter					

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **ALGOMA STEEL INC. - STORES DEPT.**
Sample No. : WC0652682 **Received** : 02 Oct 2023 **301 WALLACE TERRACE**
Lab Number : 02586229 **Diagnosed** : 04 Oct 2023 **SAULT STE MARIE, ON**
Unique Number : 5655295 **Diagnostician** : Bill Quesnel **CA P6C 1K8**
Test Package : GRS 1 (Additional Tests: BottomAnalysis) **Contact: Stan Keene**
stan.keene@algoma.com

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.

T: (705)206-1362
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