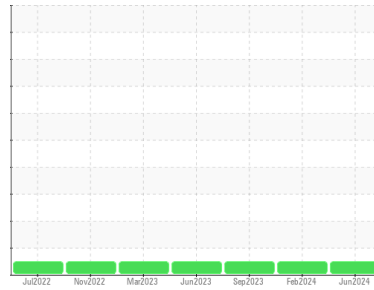




GREASE ANALYSIS

Sample Rating Trend



NORMAL



Area
Direct Strip Mill/Caster
 Machine Id
DSC222 NORTH EAST
 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	WC0948031	WC0652685	WC0652683
Sample Date	Client Info	22 Jun 2024	26 Feb 2024	25 Sep 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

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184* >200	820	80	470
Iron	ppm ASTM D5185(m) >250	52	23	67
Chromium	ppm ASTM D5185(m) >10	<1	0	<1
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	0
Lead	ppm ASTM D5185(m) >25	0	0	<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	0	<1

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	<1	2	<1
Magnesium	ppm ASTM D5185(m)	3	4	3
Manganese	ppm ASTM D5185(m)	<1	0	0
Molybdenum	ppm ASTM D5185(m)	7	4	9
Phosphorus	ppm ASTM D5185(m)	1	0	<1
Zinc	ppm ASTM D5185(m)	2	<1	<1
Antimony	ppm ASTM D5185(m)	66	60	65

THICKENER/SOAP

method	limit/base	current	history1	history2
Aluminum	ppm ASTM D5185(m)	273	257	280
Barium	ppm ASTM D5185(m)	<1	<1	<1
Calcium	ppm ASTM D5185(m)	36	20	12
Sodium	ppm ASTM D5185(m)	18	16	35
Lithium	ppm ASTM D5185(m)	<1	<1	<1
Sulfur	ppm ASTM D5185(m)	442	486	451

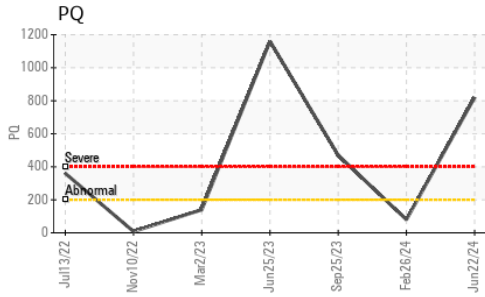
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >150	17	14	4
Potassium	ppm ASTM D5185(m)	<1	1	<1

GREASE CONDITION

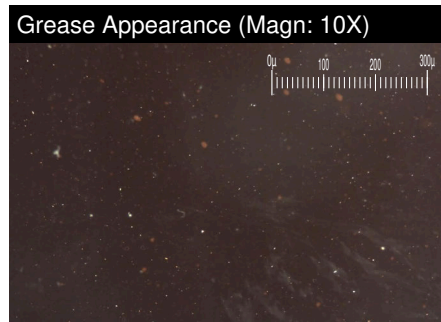
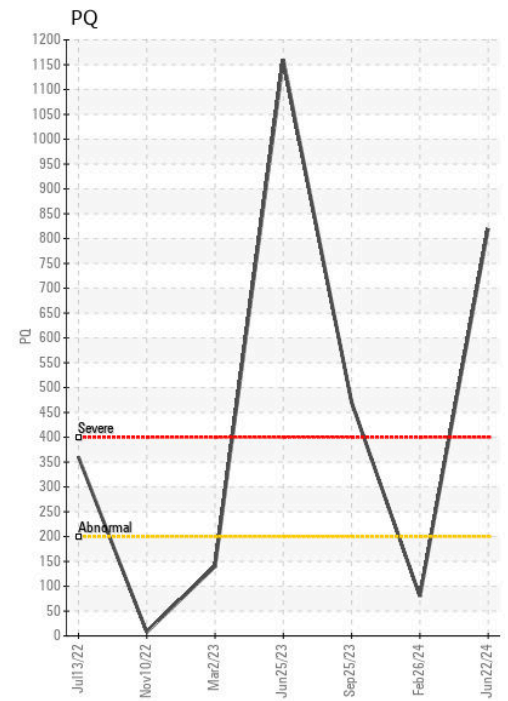
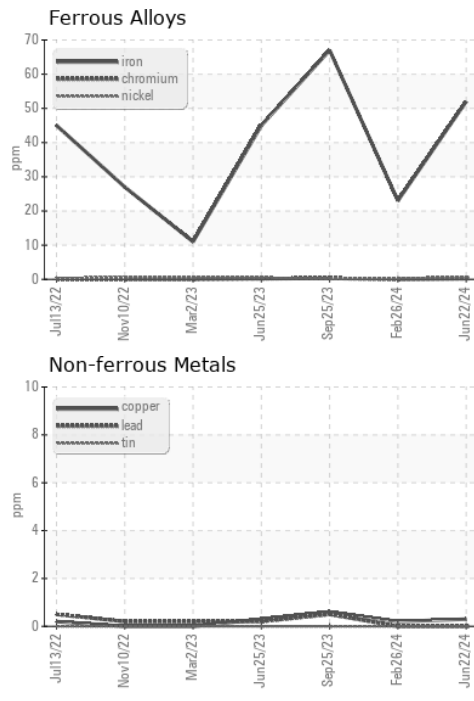
method	limit/base	current	history1	history2
Grease Color	Visual* Black	Black	Black	Black
Texture	In-house* Tacky	Tacky	Tacky	Long fiber
NLGI Consistency	NLGI Scale SKF Method* 2	1	2	2

GREASE ANALYSIS



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

GRAPHS



CALA
CONFORME A LA NORME ISO 17025
 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0948031
Lab Number : 02644075
Unique Number : 5801614
Test Package : GRS 1 (Additional Tests: BottomAnalysis)

ALGOMA STEEL INC. - STORES DEPT.
 301 WALLACE TERRACE
 SAULT STE MARIE, ON
 CA P6C 1K8
 Contact: Algoma Reliability
 algomareliability@algoma.com
 T: (705)206-1059
 F: (705)945-3585

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.