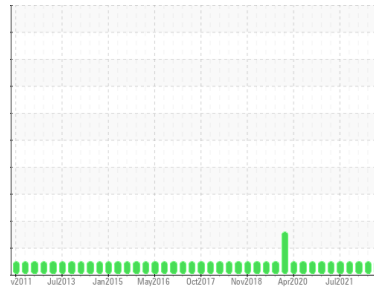




GREASE ANALYSIS

Sample Rating Trend



NORMAL



Area
STARBOARD CRANE
 Machine Id
58-W-7645 STBD CRANE SLEW BEARING GREASE (S/N Maint Plan 28275)
 Component
Starboard Grease
 Fluid
ESSO UNIREX EP-2 GREASE (--- 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	WC0711733	WC0590090	WC0590095
Sample Date	Client Info	26 Jul 2023	15 May 2022	18 Jan 2022
Machine Age	days	Client Info	0	0
Grease Age	days	Client Info	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	1720	1030	4330	
Iron	ppm	ASTM D5185(m)	>250	154	138	146
Chromium	ppm	ASTM D5185(m)	>10	2	2	2
Nickel	ppm	ASTM D5185(m)	>5	3	3	3
Cadmium	ppm	ASTM D5185(m)		0	0	0
Titanium	ppm	ASTM D5185(m)		0	1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Lead	ppm	ASTM D5185(m)	>25	1	2	2
Copper	ppm	ASTM D5185(m)	>75	<1	1	<1
Tin	ppm	ASTM D5185(m)	>5	0	<1	0
Silver	ppm	ASTM D5185(m)	>5	0	2	0

ADDITIVES

method	limit/base	current	history1	history2		
Boron	ppm	ASTM D5185(m)	2	2	3	4
Magnesium	ppm	ASTM D5185(m)	0	1	4	3
Manganese	ppm	ASTM D5185(m)	0	1	1	1
Molybdenum	ppm	ASTM D5185(m)	5	20	27	29
Phosphorus	ppm	ASTM D5185(m)	75	103	85	103
Zinc	ppm	ASTM D5185(m)	75	163	163	157
Antimony	ppm	ASTM D5185(m)	2	<1	2	3

THICKENER/SOAP

method	limit/base	current	history1	history2		
Aluminum	ppm	ASTM D5185(m)	0	<1	2	<1
Barium	ppm	ASTM D5185(m)	100	74	125	125
Calcium	ppm	ASTM D5185(m)	200	49	99	102
Sodium	ppm	ASTM D5185(m)	10	3	16	20
Lithium	ppm	ASTM D5185(m)		276	249	376
Sulfur	ppm	ASTM D5185(m)	1100	598	799	893

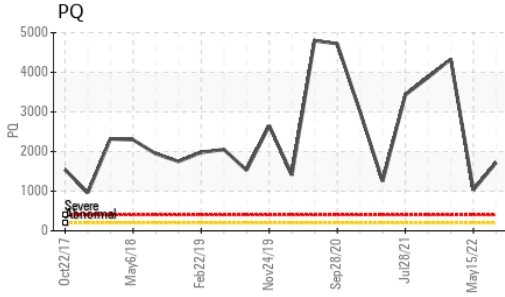
CONTAMINANTS

method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185(m)	>150	2	4	3
Potassium	ppm	ASTM D5185(m)		<1	3	2

GREASE CONDITION

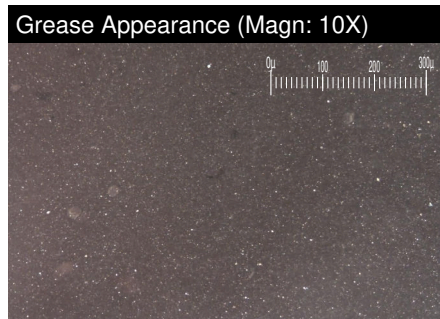
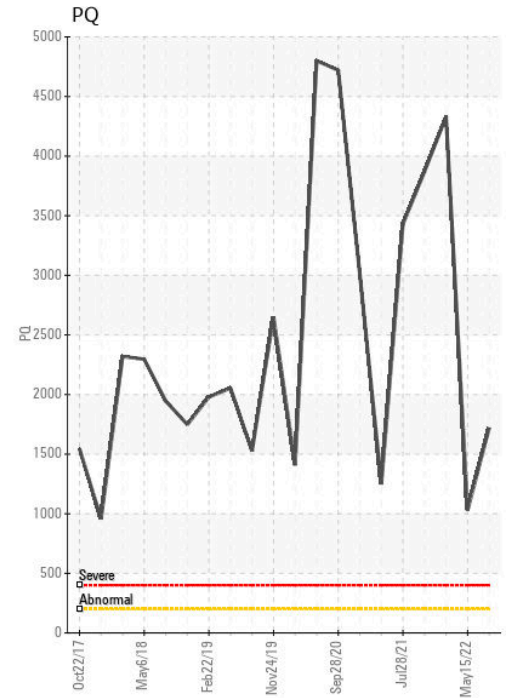
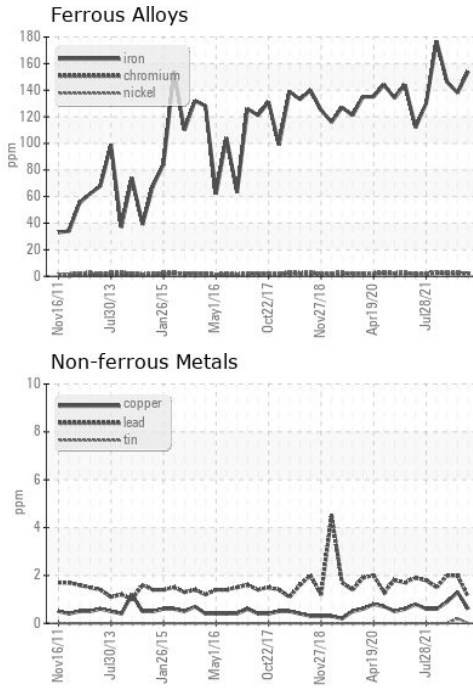
method	limit/base	current	history1	history2	
Grease Color	Visual*	Green	Burgundy	Burgundy	Burgundy
Texture	In-house*		Short fiber	Short fiber	Short fiber
NLGI Consistency	NLGI Scale SKF Method*	2	2	2-3	2-3

GREASE ANALYSIS



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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 HUSKY SEA ROSE /AKER SOLUTIONS
Sample No. : WC0711733 **Received** : 05 Sep 2023 PO BOX 20
Lab Number : 02580546 **Diagnosed** : 07 Sep 2023 ST. JOHN'S, NL
Unique Number : 5633606 **Diagnostician** : Bill Quesnel CA A1C 6C9
Test Package : GRS 1 (Additional Tests: BottomAnalysis) Contact: Maintenance Supervisor

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.

maintsuper.searose@huskyenergy.ca
 T: x:
 F: x: