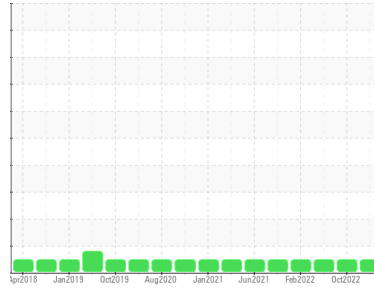




GREASE ANALYSIS

Sample Rating Trend

NORMAL



Area
Materials Handling/SW Pedestal Crane
 Machine Id
WPD471201 CRANE PEDESTAL SOUTH WEST

Component
180° Grease
 Fluid
MOBIL MOBILGREASE XHP 222 (--- 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		PP	PP13790802	PP13755937
Sample Date	Client Info		25 May 2023	26 Oct 2022	07 Jul 2022
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	350	620	810
Iron	ppm	ASTM D5185(m)	44	37	44
Chromium	ppm	ASTM D5185(m)	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	<1	<1	0
Cadmium	ppm	ASTM D5185(m)	0	0	<1
Titanium	ppm	ASTM D5185(m)	0	0	<1
Vanadium	ppm	ASTM D5185(m)	0	0	0
Lead	ppm	ASTM D5185(m)	0	0	<1
Copper	ppm	ASTM D5185(m)	<1	<1	<1
Tin	ppm	ASTM D5185(m)	0	0	0
Silver	ppm	ASTM D5185(m)	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	9	13	12
Magnesium	ppm	ASTM D5185(m)	1	<1	2
Manganese	ppm	ASTM D5185(m)	<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)	32	39	42
Phosphorus	ppm	ASTM D5185(m)	171	170	143
Zinc	ppm	ASTM D5185(m)	228	227	230
Antimony	ppm	ASTM D5185(m)	18	13	16

THICKENER/SOAP

	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)	<1	<1	<1
Barium	ppm	ASTM D5185(m)	<1	0	<1
Calcium	ppm	ASTM D5185(m)	15	10	19
Sodium	ppm	ASTM D5185(m)	8	5	10
Lithium	ppm	ASTM D5185(m)	223	234	228
Sulfur	ppm	ASTM D5185(m)	874	881	885

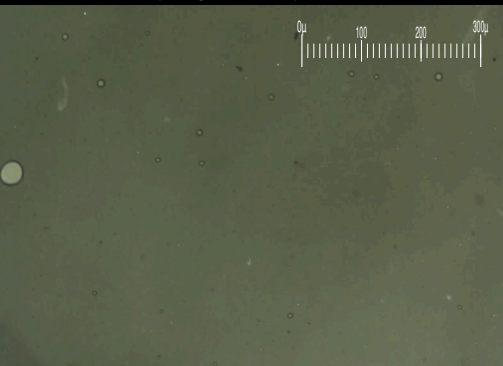
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<1	<1	1
Potassium	ppm	ASTM D5185(m)	1	<1	1

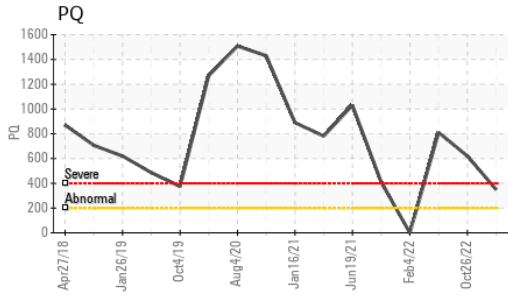
GREASE CONDITION

	method	limit/base	current	history1	history2
Grease Color	Visual*	Dk Blue	Brown	Green	Brown
Texture	In-house*		Buttery	Long fiber	Long fiber
NLGI Consistency	NLGI Scale	SKF Method* 2	2	2	2

Particle Filter (Magn: 100 x)

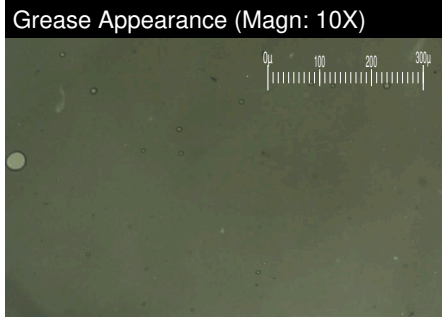
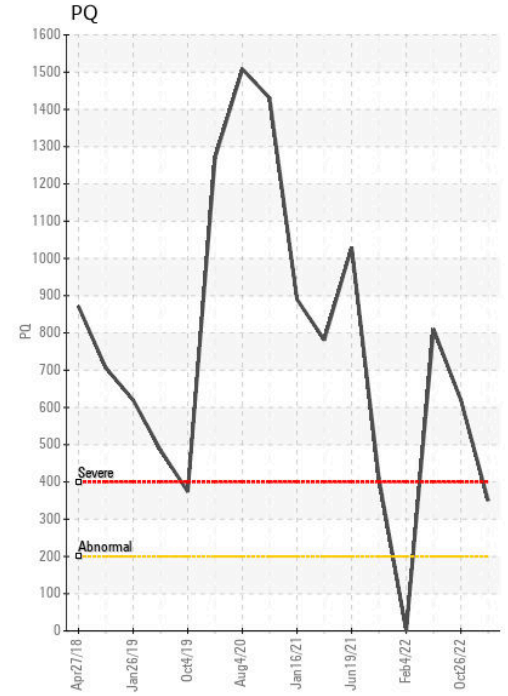
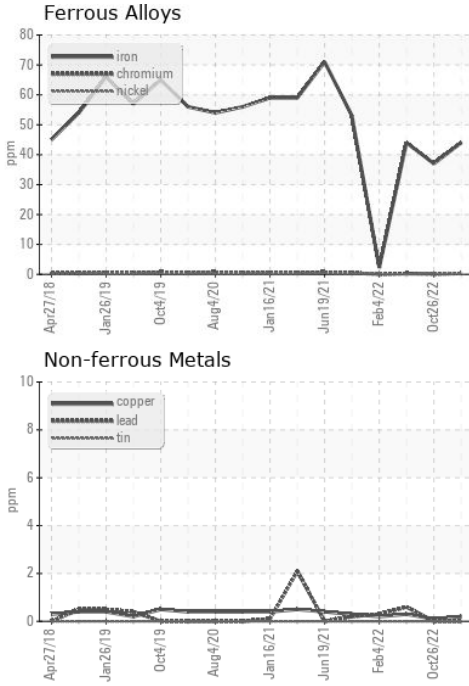


GREASE ANALYSIS



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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PP
Lab Number : 02560003
Unique Number : 5581043
Test Package : GRS 1 (Additional Tests: BottomAnalysis, PrtFilter)

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 St. John's, NL
 CA A1C 6K3
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 T: (709)273-3729
 F:

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.