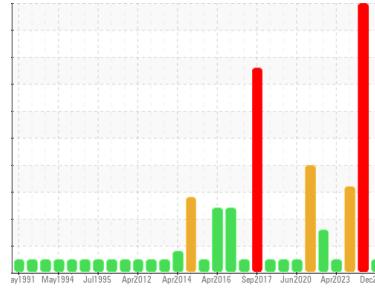




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
Lime Kilns Route #2
 Machine Id
KVS 12.6 102293 K1 P1 NE Bearing
 Component
Bearing
 Fluid
MOBIL MOBILGEAR SHC 1500 (40 LTR)

DIAGNOSIS

Recommendation

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0877634	WC0868745	WC0749163
Sample Date	Client Info			12 Dec 2023	17 Nov 2023	10 Apr 2023
Machine Age	yrs	Client Info		0	0	0
Oil Age	yrs	Client Info		0	0	0
Oil Changed	Client Info			N/A	N/A	N/A
Sample Status				NORMAL	SEVERE	ABNORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>2	NEG	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		0	32	0
Iron	ppm	ASTM D5185(m)	>75	26	▲ 107	9
Chromium	ppm	ASTM D5185(m)	>20	0	<1	0
Nickel	ppm	ASTM D5185(m)	>20	<1	3	<1
Titanium	ppm	ASTM D5185(m)		0	2	5
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>20	<1	2	<1
Lead	ppm	ASTM D5185(m)	>150	27	▲ 280	87
Copper	ppm	ASTM D5185(m)	>250	139	■ 669	▲ 360
Tin	ppm	ASTM D5185(m)	>20	14	■ 50	▲ 20
Antimony	ppm	ASTM D5185(m)		2	▲ 9	2
Vanadium	ppm	ASTM D5185(m)		0	0	0
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0

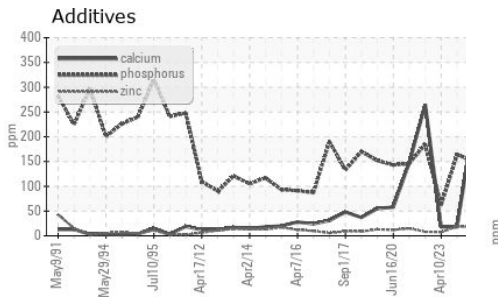
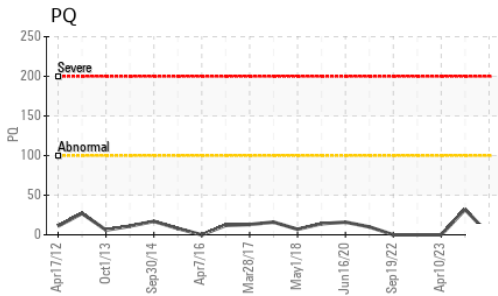
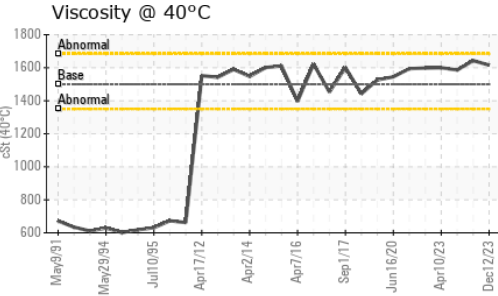
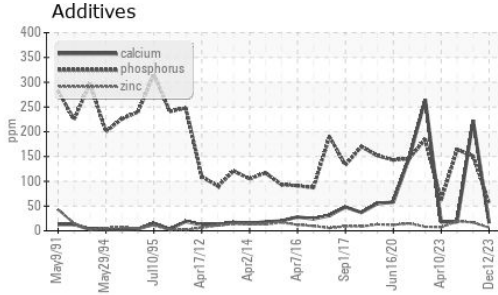
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		18	20	24
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		0	<1	3
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		2	11	5
Calcium	ppm	ASTM D5185(m)		16	▲ 223	18
Phosphorus	ppm	ASTM D5185(m)		56	151	164
Zinc	ppm	ASTM D5185(m)		6	17	19
Sulfur	ppm	ASTM D5185(m)		2164	▲ 2239	2818
Lithium	ppm	ASTM D5185(m)		<1	<1	<1

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	15	▲ 22	▲ 17
Sodium	ppm	ASTM D5185(m)		0	<1	<1
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	0

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		1.19	▲ 1.78	1.30



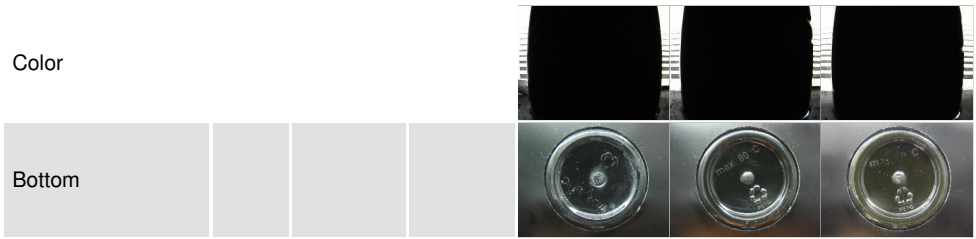
OIL ANALYSIS REPORT



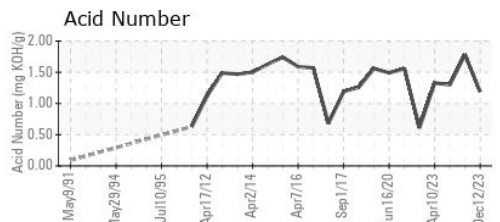
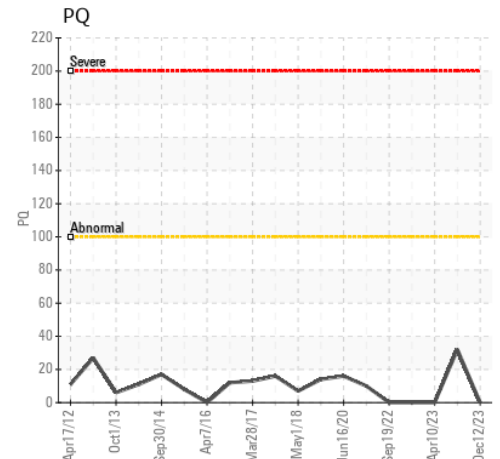
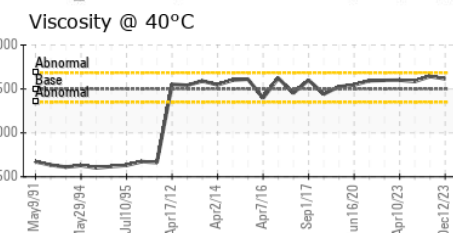
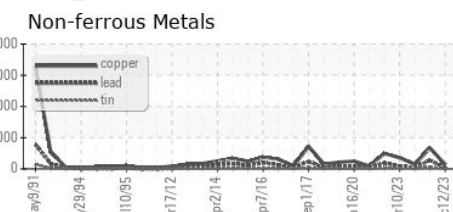
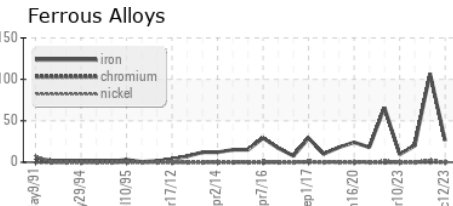
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	VLITE
Debris	scalar	Visual*	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>2	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	1500	1616	1643

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0877634
Lab Number : 02609133
Unique Number : 5710219
Test Package : IND 2

CARMEUSE LIME
 374681 OXFORD COUNTY ROAD 6., P.O. BOX 190
 INGERSOLL, ON
 CA N5C 3K5
 Contact: Jeff Geddes
 jeff.geddes@carmeuse.com
 T: (519)423-6283
 F: (519)423-6568

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.