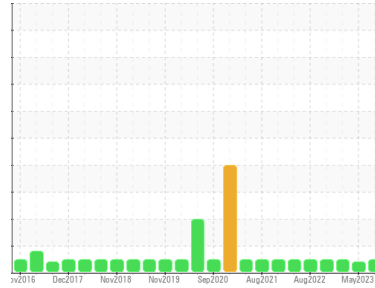




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
MIXER #5 (S/N BAK06-001)

Component
Gearbox

Fluid
MOBIL MOBILUBE HD PLUS 85W140 (20 LTR)

DIAGNOSIS

Recommendation

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

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	WC0897977	WC0818880	WC0791549
Sample Date	Client Info	21 Jan 2024	28 May 2023	19 Feb 2023
Machine Age	hrs	0	0	0
Oil Age	hrs	0	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		NORMAL	ABNORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.2	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184*	24	0	0
Iron	ppm	110	19	16
Chromium	ppm	<1	0	0
Nickel	ppm	1	<1	<1
Titanium	ppm	0	<1	<1
Silver	ppm	0	0	0
Aluminum	ppm	<1	<1	<1
Lead	ppm	<1	<1	<1
Copper	ppm	3	<1	<1
Tin	ppm	0	0	0
Antimony	ppm	0	<1	0
Vanadium	ppm	0	0	0
Beryllium	ppm	0	0	0
Cadmium	ppm	0	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	226	74	87
Barium	ppm	0	0	0
Molybdenum	ppm	0	0	0
Manganese	ppm	<1	3	3
Magnesium	ppm	<1	0	0
Calcium	ppm	9	7	6
Phosphorus	ppm	903	969	966
Zinc	ppm	24	54	52
Sulfur	ppm	18788	17119	17250
Lithium	ppm	19	▲ 29	29

CONTAMINANTS

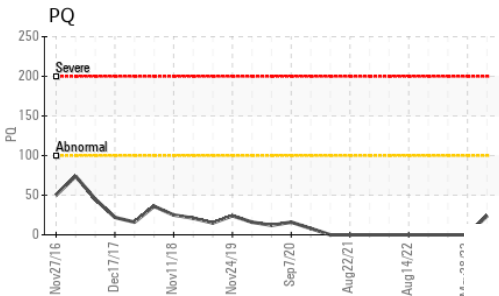
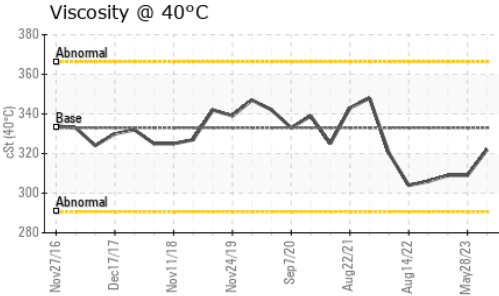
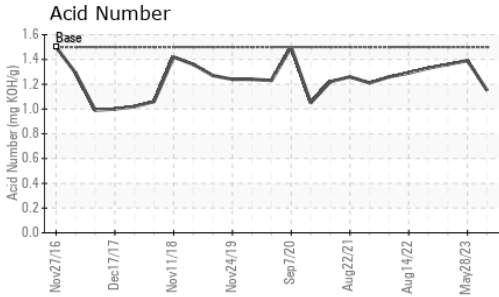
method	limit/base	current	history1	history2
Silicon	ppm	11	40	37
Sodium	ppm	<1	2	2
Potassium	ppm	<1	1	<1

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	1.15	1.39	1.36



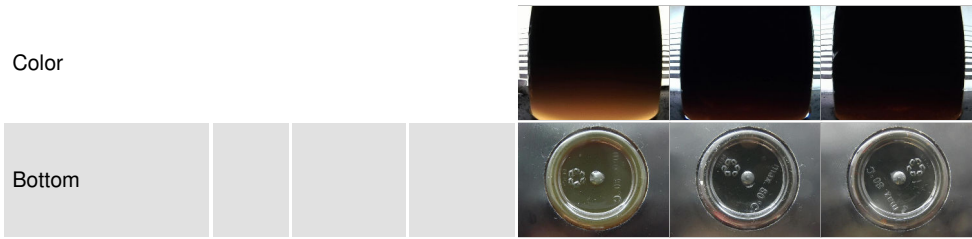
OIL ANALYSIS REPORT



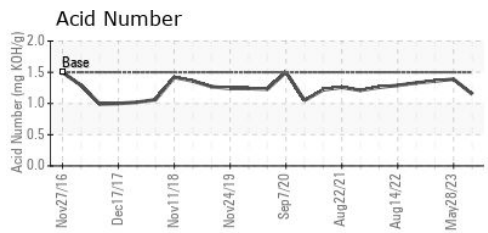
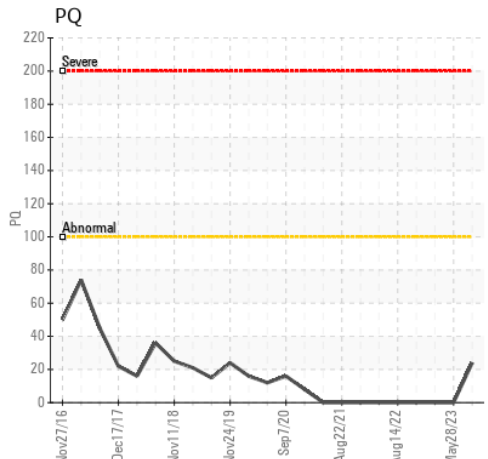
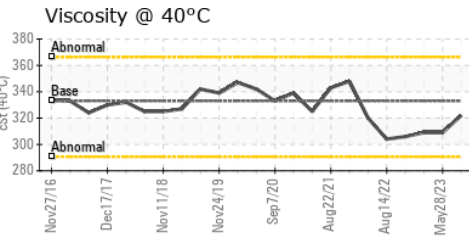
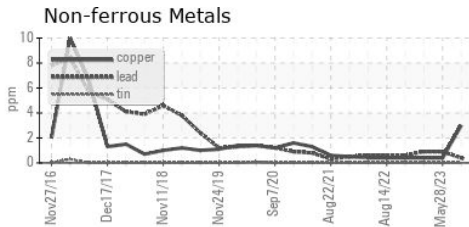
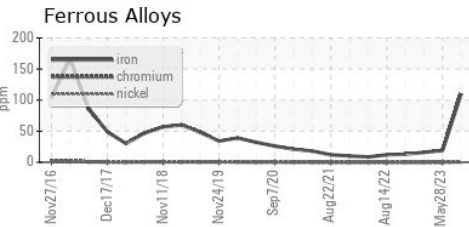
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	333	322	309

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. : WC0897977
Lab Number : 02610759
Unique Number : 5711845
Test Package : IND 2

Furlani's Food Corporation
 1730 Aimco Blvd.
 Mississauga, ON
 CA L4W 1V1
 Contact: David Leva
 david@furlanis.com
 T: (905)602-6102
 F: (905)602-9415

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.