



OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION
NORMAL
NORMAL



Machine Id
MACK 1804100268
Component
North Compressor
Fluid
MAC 32/46 VMAX (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

A decrease in the tin level is noted. All other component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

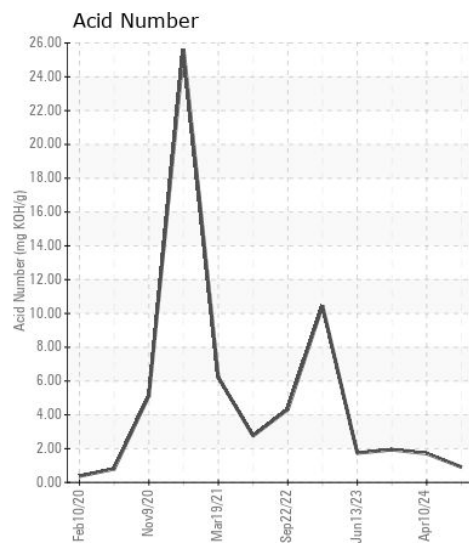
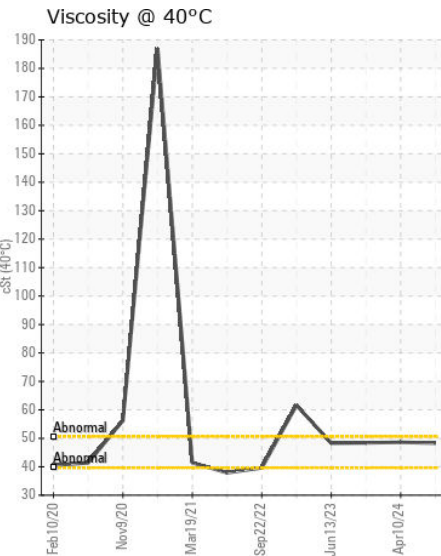
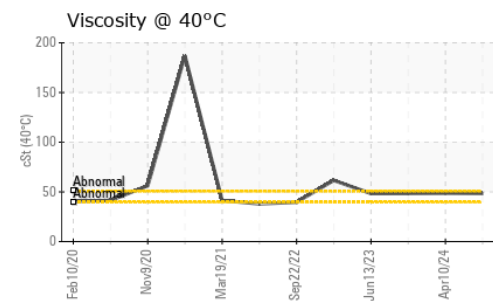
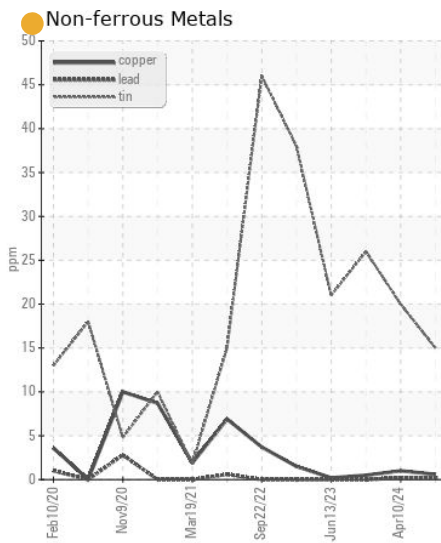
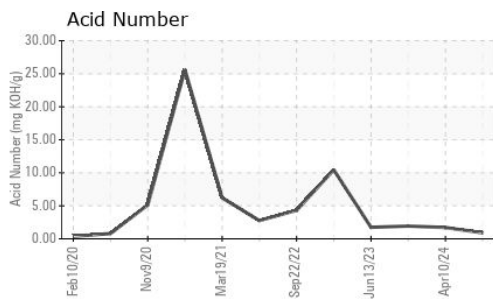
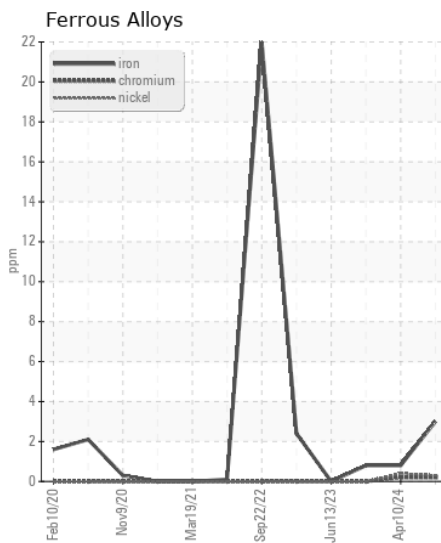
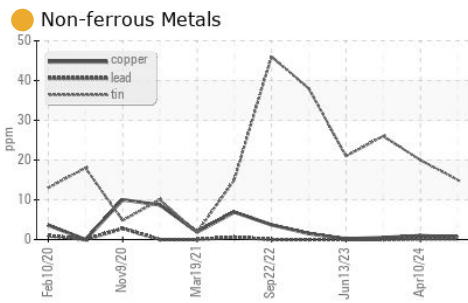
The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0934918	WC0909205	WC0743366
Sample Date		Client Info		25 Jun 2024	10 Apr 2024	08 Aug 2023
Machine Age	hrs	Client Info		22901	21700	18893
Oil Age	hrs	Client Info		1201	5354	2547
Filter Age	hrs	Client Info		0	1560	1343
Oil Changed		Client Info		Not Changed	Changed	Not Changed
Filter Changed		Client Info		Not Changed	N/A	Not Changed
Sample Status				ATTENTION	ABNORMAL	ABNORMAL

Iron	ppm	ASTM D5185m	>50	3	<1	<1
Chromium	ppm	ASTM D5185m	>10	<1	<1	0
Nickel	ppm	ASTM D5185m		<1	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		<1	<1	0
Aluminum	ppm	ASTM D5185m	>25	2	2	0
Lead	ppm	ASTM D5185m	>25	<1	<1	0
Copper	ppm	ASTM D5185m	>50	<1	1	<1
Tin	ppm	ASTM D5185m	>15	15	▲ 20	▲ 26
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>25	20	▲ 56	▲ 55
Potassium	ppm	ASTM D5185m	>20	2	1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		2	2	0
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	16	0
Molybdenum	ppm	ASTM D5185m		<1	<1	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		<1	<1	0
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m		444	282	255
Zinc	ppm	ASTM D5185m		44	10	60
Sulfur	ppm	ASTM D5185m		258	11	34
Acid Number (AN)	mg KOH/g	ASTM D8045		0.91	▲ 1.71	▲ 1.94
Visc @ 40°C	cSt	ASTM D445		48.3	48.6	48.4



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0934918
Lab Number : 06224638
Unique Number : 11102835
Test Package : IND 2
Received : 01 Jul 2024
Tested : 02 Jul 2024
Diagnosed : 03 Jul 2024 - Angela Borella

LOPAREX
 1740 RIDGEWAY ST
 HAMMOND, WI
 US 54015
 Contact: JERRY ADAMS

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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F: