



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL



Machine Id
MACK 1804100266
Component
South Compressor
Fluid
VMAX 32/46 (--- GAL)

RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

Elemental level of silicon (Si) above normal indicating ingress of seal material.

FLUID CONDITION

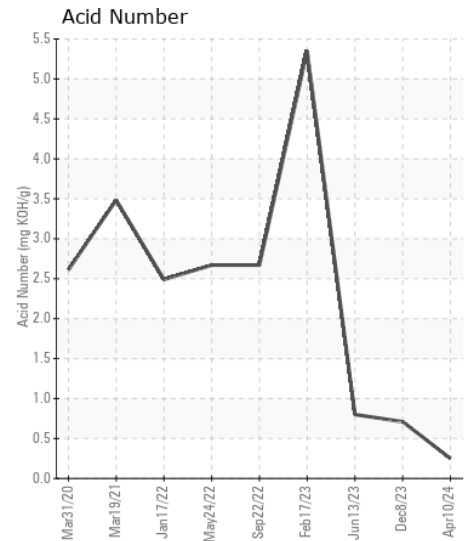
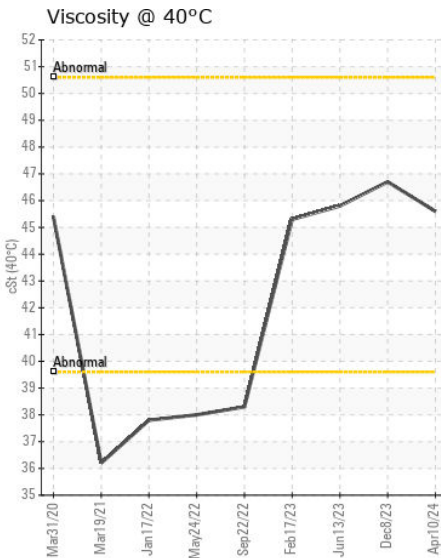
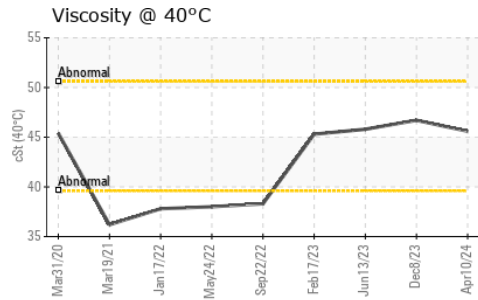
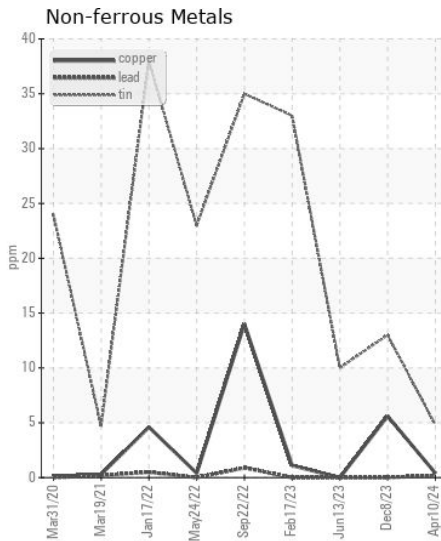
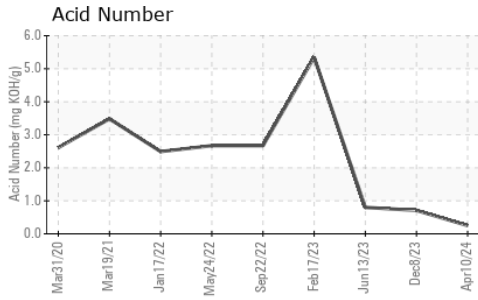
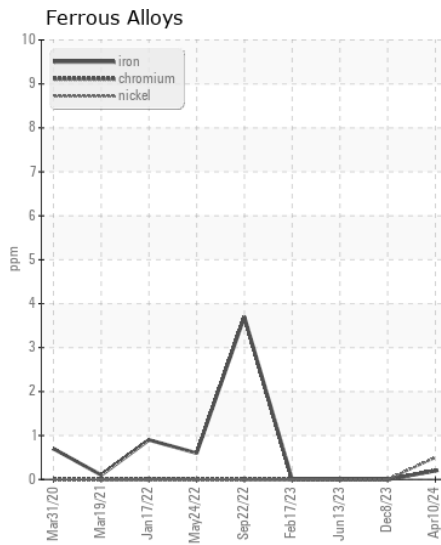
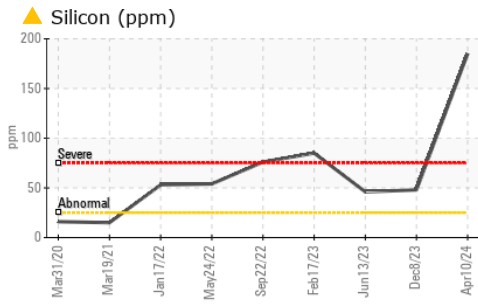
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0909221	WC0849077	WC0811708
Sample Date		Client Info		10 Apr 2024	08 Dec 2023	13 Jun 2023
Machine Age	hrs	Client Info		21037	20238	17933
Oil Age	hrs	Client Info		799	3881	1576
Filter Age	hrs	Client Info		790	2300	0
Oil Changed		Client Info		Not Changed	Changed	Not Changed
Filter Changed		Client Info		Not Changed	Changed	Changed
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

Iron	ppm	ASTM D5185m	>50	<1	0	0
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>25	2	0	0
Lead	ppm	ASTM D5185m	>25	<1	0	0
Copper	ppm	ASTM D5185m	>50	<1	6	0
Tin	ppm	ASTM D5185m	>15	5	13	10
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	▲ MODER

Silicon	ppm	ASTM D5185m	>25	▲ 185	▲ 48	▲ 46
Potassium	ppm	ASTM D5185m	>20	1	<1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
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		0	1	0
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	7	0
Molybdenum	ppm	ASTM D5185m		<1	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		<1	0	<1
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m		360	338	309
Zinc	ppm	ASTM D5185m		0	0	0
Sulfur	ppm	ASTM D5185m		103	92	109
Acid Number (AN)	mg KOH/g	ASTM D8045		0.25	0.71	0.80
Visc @ 40°C	cSt	ASTM D445		45.6	46.7	45.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0909221 **Received** : 01 Jul 2024
Lab Number : 06224639 **Tested** : 02 Jul 2024
Unique Number : 11102836 **Diagnosed** : 03 Jul 2024 - Angela Borella
Test Package : IND 2

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)

T: (715)796-5814

F: