



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**MACK V111**  
Component  
**Transmission (Auto)**  
Fluid  
**DEXRON III (--- QTS)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0193335</b>	JR0178288	JR0144652
Sample Date		Client Info		<b>28 Dec 2023</b>	20 Sep 2023	15 Jun 2023
Machine Age	mls	Client Info		<b>113606</b>	0	101085
Oil Age	mls	Client Info		<b>5780</b>	29578	17837
Filter Age	mls	Client Info		<b>5780</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Changed	Not Changed
Filter Changed		Client Info		<b>Changed</b>	Changed	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>75	<b>15</b>	18	22
Iron	ppm	ASTM D5185m	>220	<b>21</b>	42	35
Chromium	ppm	ASTM D5185m	>2	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>75	<b>4</b>	8	7
Lead	ppm	ASTM D5185m	>95	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185m	>60	<b>1</b>	2	3
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	1	1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

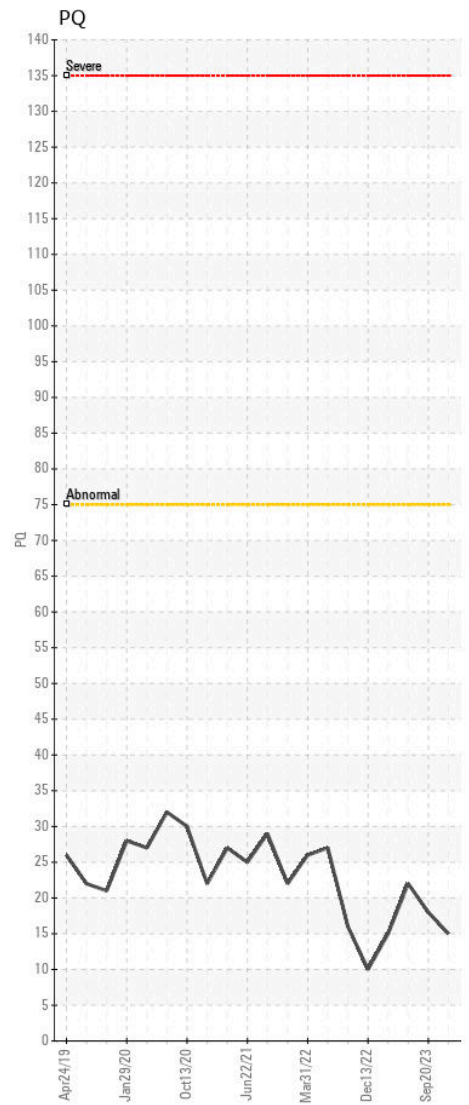
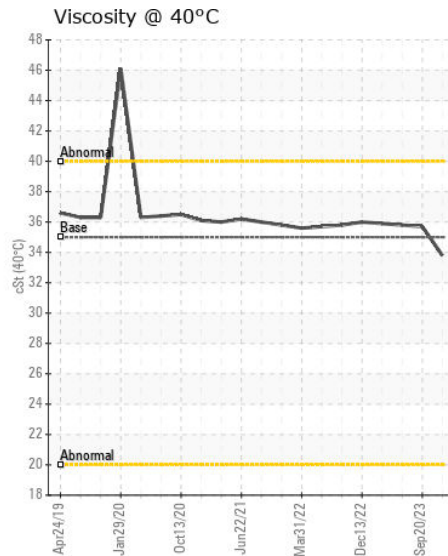
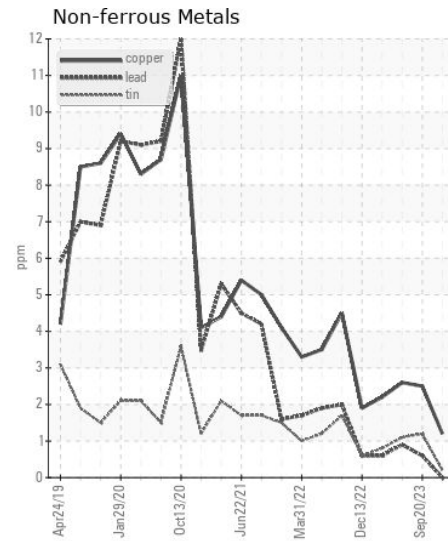
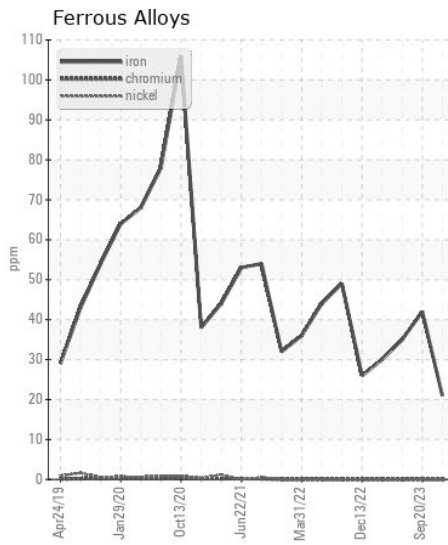
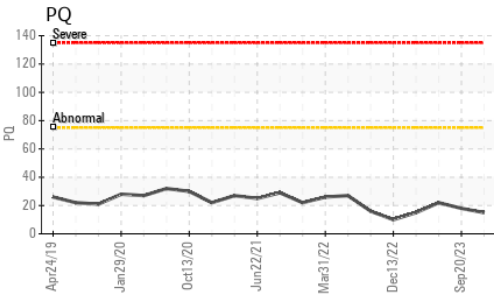
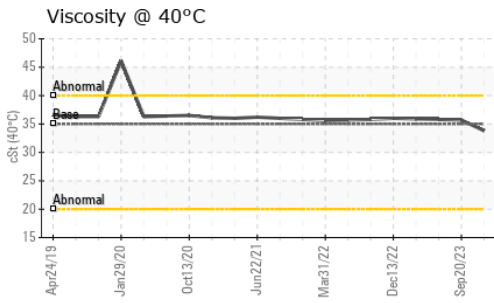
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>25	<b>3</b>	2	2
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	2	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>3</b>	3	<1
Boron	ppm	ASTM D5185m		<b>97</b>	163	149
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	0
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>1</b>	1	1
Calcium	ppm	ASTM D5185m		<b>146</b>	39	56
Phosphorus	ppm	ASTM D5185m		<b>253</b>	309	285
Zinc	ppm	ASTM D5185m		<b>9</b>	0	5
Sulfur	ppm	ASTM D5185m		<b>1419</b>	1115	1108
Visc @ 40°C	cSt	ASTM D445	35.0	<b>33.8</b>	35.7	35.8



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0193335 **Recieved** : 08 Jan 2024  
**Lab Number** : 06054174 **Diagnosed** : 09 Jan 2024  
**Unique Number** : 10820123 **Diagnostician** : Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

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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