



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



Machine Id  
**MACK GRANITE V108**  
Component  
**Transmission (Auto)**  
Fluid  
**DEXRON III (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

### WEAR

All component wear rates are normal.

### CONTAMINATION

There is no indication of any contamination in the fluid.

### FLUID CONDITION

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

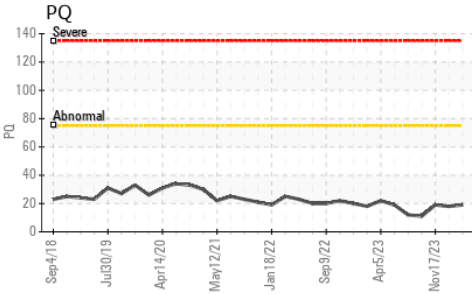
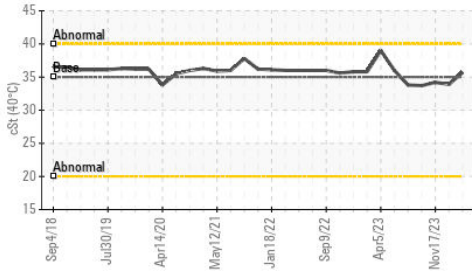
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0206208</b>	JR0189087	JR0178478
Sample Date		Client Info		<b>11 Apr 2024</b>	12 Dec 2023	17 Nov 2023
Machine Age	hrs	Client Info		<b>9761</b>	9498	9172
Oil Age	hrs	Client Info		<b>2455</b>	2192	1866
Filter Age	hrs	Client Info		<b>2455</b>	2192	1866
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Changed</b>	Changed	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

PQ		ASTM D8184	>75	<b>19</b>	18	19
Iron	ppm	ASTM D5185m	>220	<b>37</b>	31	25
Chromium	ppm	ASTM D5185m	>2	<b>0</b>	<1	0
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185m	>75	<b>17</b>	15	14
Lead	ppm	ASTM D5185m	>95	<b>4</b>	5	2
Copper	ppm	ASTM D5185m	>60	<b>10</b>	10	8
Tin	ppm	ASTM D5185m	>10	<b>3</b>	4	2
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

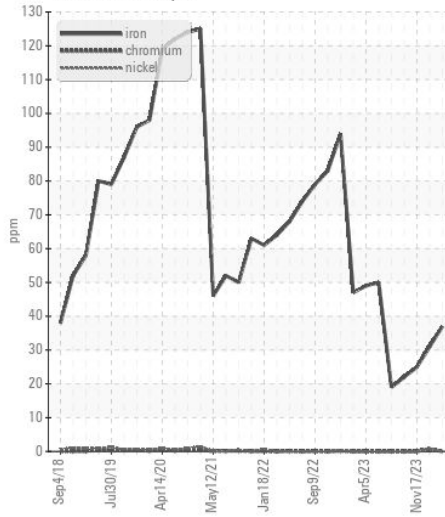
Silicon	ppm	ASTM D5185m	>25	<b>4</b>	4	4
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	2	1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<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

Sodium	ppm	ASTM D5185m		<b>3</b>	1	3
Boron	ppm	ASTM D5185m		<b>98</b>	87	89
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	1	0
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	1	<1
Magnesium	ppm	ASTM D5185m		<b>2</b>	4	4
Calcium	ppm	ASTM D5185m		<b>108</b>	100	100
Phosphorus	ppm	ASTM D5185m		<b>249</b>	211	240
Zinc	ppm	ASTM D5185m		<b>2</b>	0	0
Sulfur	ppm	ASTM D5185m		<b>2234</b>	1420	1459
Visc @ 40°C	cSt	ASTM D445	35.0	<b>35.7</b>	33.9	34.2

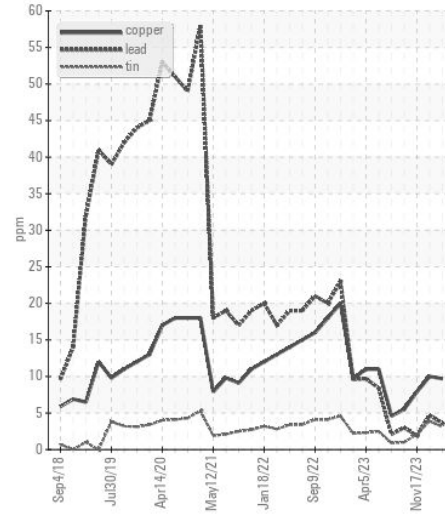
Viscosity @ 40°C



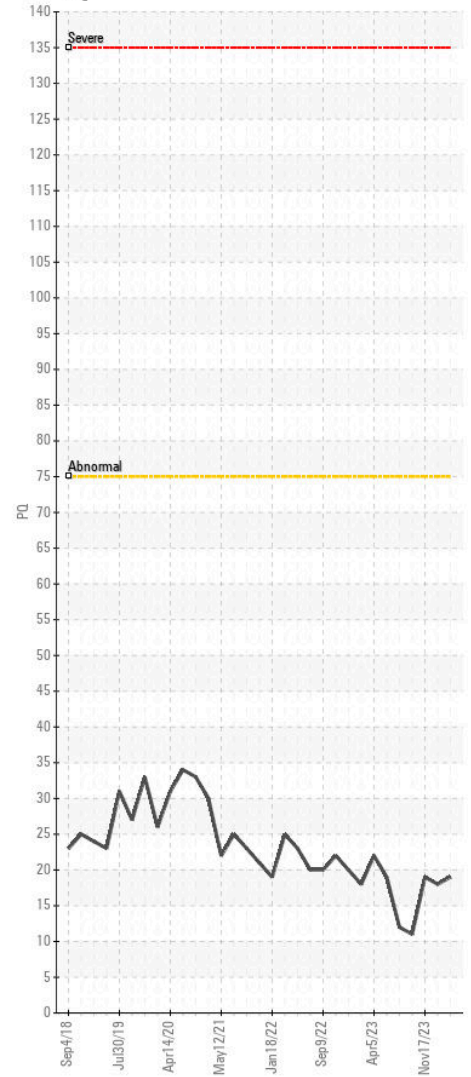
Ferrous Alloys



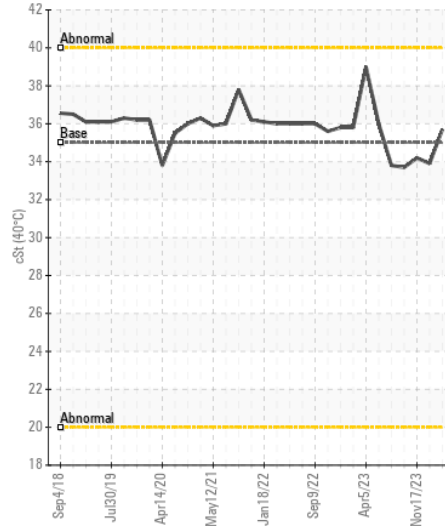
Non-ferrous Metals



PQ



Viscosity @ 40°C



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0206208 **Received** : 18 Apr 2024  
**Lab Number** : 06153346 **Tested** : 19 Apr 2024  
**Unique Number** : 10983424 **Diagnosed** : 19 Apr 2024 - Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

**MATTHEWS CONSTRUCTION**  
 127 GRAYSON RD  
 ROCK HILL, SC  
 US 29732  
 Contact: Tad Clinton  
 tclinton@matthewsconstructionco.com  
 T: (803)207-5607  
 F:

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)