



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

Machine Id  
**GEHL DL11-55 5009671 (S/N DL1155CL41909)**

Component  
**Front Left Final Drive**

Fluid  
**MOBIL MOBILFLUID 424 (--- GAL)**

**RECOMMENDATION**

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0137558</b>	JR0067431	JR0067395
Sample Date		Client Info		<b>17 Aug 2022</b>	20 Nov 2020	18 Nov 2020
Machine Age	hrs	Client Info		<b>1596</b>	986	1405
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	N/A	Not Changd
Filter Changed		Client Info		<b>Not Changd</b>	N/A	N/A
Sample Status				<b>ABNORMAL</b>	ABNORMAL	NORMAL

**WEAR**

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>446</b>	314	109
Iron	ppm	ASTM D5185m	>500	<b>426</b>	251	101
Chromium	ppm	ASTM D5185m	>10	<b>4</b>	3	1
Nickel	ppm	ASTM D5185m		<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Aluminum	ppm	ASTM D5185m	>25	<b>3</b>	2	0
Lead	ppm	ASTM D5185m	>25	<b>&lt;1</b>	<1	0
Copper	ppm	ASTM D5185m	>50	<b>63</b>	44	31
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>MODER</b>	MODER	MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

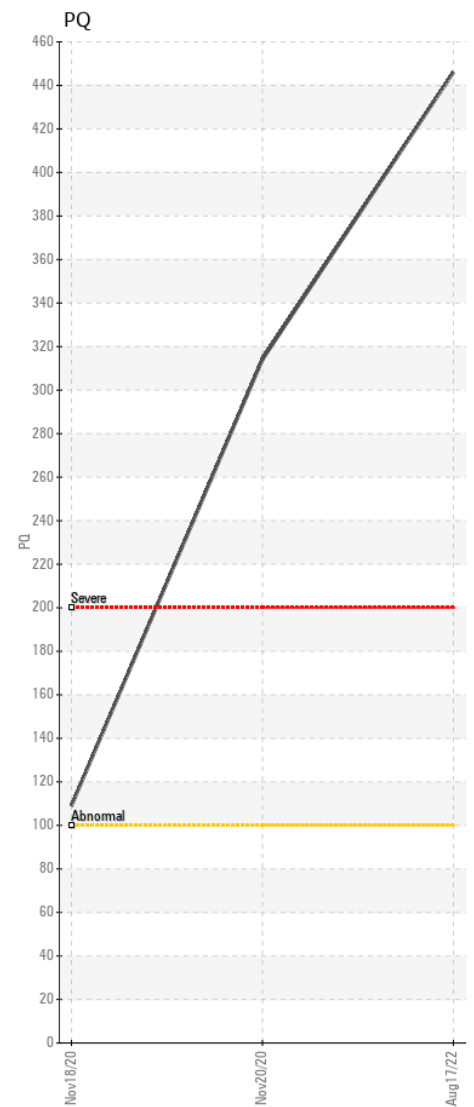
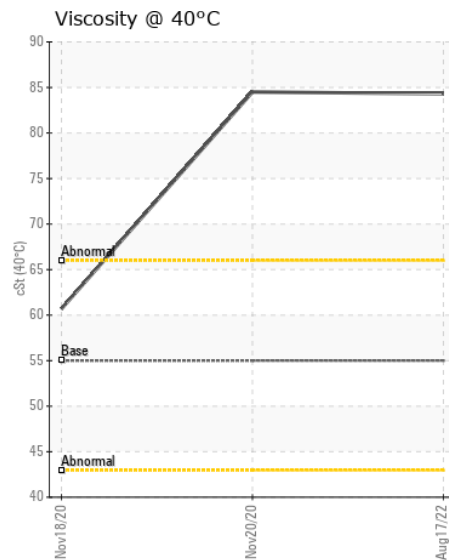
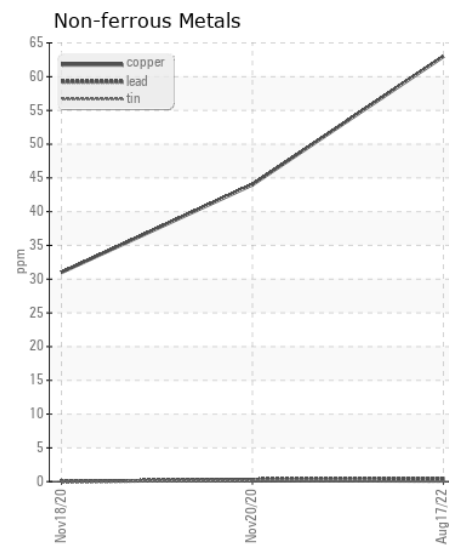
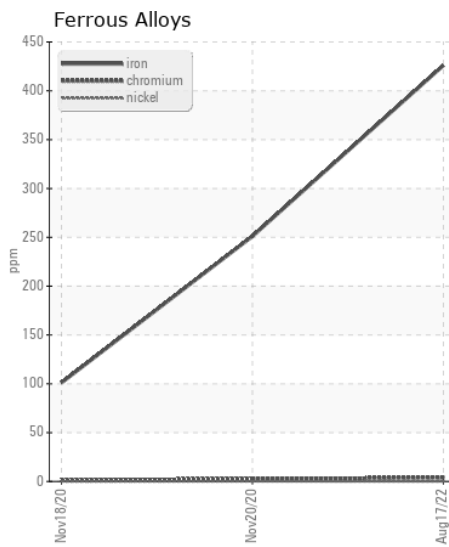
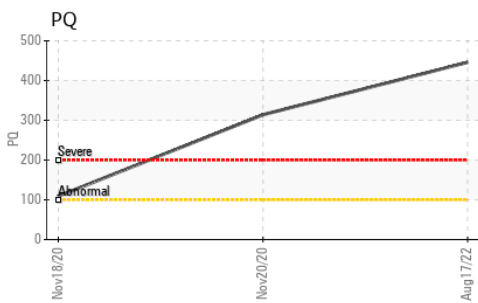
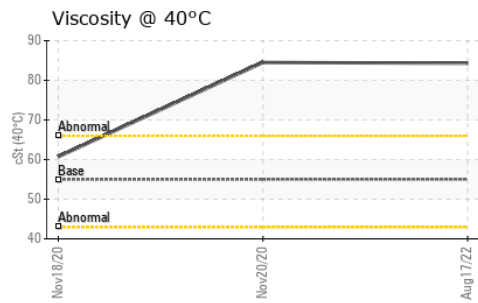
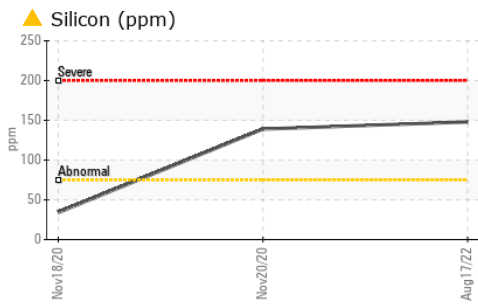
Elemental level of silicon (Si) above normal indicating ingress of seal material.

Silicon	ppm	ASTM D5185m	>75	<b>▲ 148</b>	▲ 139	34
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	<1	1
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>LIGHT</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	>0.2	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>0</b>	4	0
Boron	ppm	ASTM D5185m		<b>127</b>	128	27
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	1	1
Molybdenum	ppm	ASTM D5185m		<b>5</b>	10	<1
Manganese	ppm	ASTM D5185m		<b>7</b>	5	2
Magnesium	ppm	ASTM D5185m		<b>3</b>	3	80
Calcium	ppm	ASTM D5185m		<b>859</b>	977	3052
Phosphorus	ppm	ASTM D5185m		<b>700</b>	813	1008
Zinc	ppm	ASTM D5185m		<b>1485</b>	1585	1268
Sulfur	ppm	ASTM D5185m		<b>5817</b>	6104	3897
Visc @ 40°C	cSt	ASTM D445	55	<b>84.3</b>	84.5	60.7



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0137558 **Received** : 24 Aug 2022  
**Lab Number** : 05626450 **Tested** : 25 Aug 2022  
**Unique Number** : 10110971 **Diagnosed** : 27 Aug 2022 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - STEPHENSON**  
 245 YARDMASTER COURT  
 STEPHENSON, VA  
 US 22656-1761  
 Contact: PHIL DAUGHERTY  
 pdaugherty@jamesriverequipment.com

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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