WEAR	**NORMAL**
CONTAMINATION	**NORMAL**
FLUID CONDITION	**NORMAL**

Area
[W02008033]
Machine Id
VOLVO A25G 752871
Component
Bogie/Center Differential
Fluid
VOLVO SUPER GEAR OIL 75W-80-GO102 (10 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W02008033 1st 1000 hour service)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**ML0886251**	---	---
Sample Date		Client Info		**23 Feb 2024**	---	---
Machine Age	hrs	Client Info		**1009**	---	---
Oil Age	hrs	Client Info		**1009**	---	---
Filter Age	hrs	Client Info		**0**	---	---
Oil Changed		Client Info		**Changed**	---	---
Filter Changed		Client Info		**N/A**	---	---
Sample Status				**NORMAL**	---	---

WEAR

All component wear rates are normal.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Iron	ppm	ASTM D5185m	>900	**281**	---	---
Chromium	ppm	ASTM D5185m	>20	**5**	---	---
Nickel	ppm	ASTM D5185m	>10	**2**	---	---
Titanium	ppm	ASTM D5185m		**0**	---	---
Silver	ppm	ASTM D5185m		**0**	---	---
Aluminum	ppm	ASTM D5185m	>30	**<1**	---	---
Lead	ppm	ASTM D5185m	>50	**0**	---	---
Copper	ppm	ASTM D5185m	>150	**19**	---	---
Tin	ppm	ASTM D5185m	>20	**<1**	---	---
Vanadium	ppm	ASTM D5185m		**0**	---	---
White Metal	scalar	*Visual	NONE	**NONE**	---	---
Yellow Metal	scalar	*Visual	NONE	**NONE**	---	---

CONTAMINATION

There is no indication of any contamination in the oil.

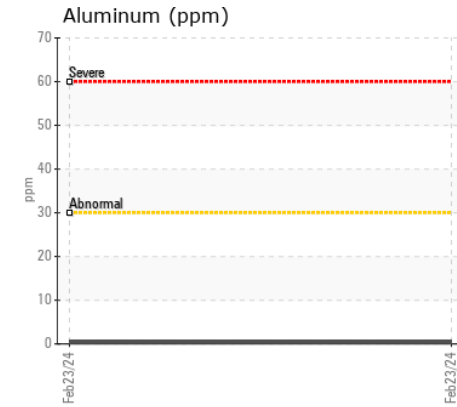| Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>50	**4**	---	---
Potassium	ppm	ASTM D5185m	>20	**0**	---	---
Water		WC Method	>0.2	**NEG**	---	---
Silt	scalar	*Visual	NONE	**NONE**	---	---
Debris	scalar	*Visual	NONE	**LIGHT**	---	---
Sand/Dirt	scalar	*Visual	NONE	**NONE**	---	---
Appearance	scalar	*Visual	NORML	**NORML**	---	---
Odor	scalar	*Visual	NORML	**NORML**	---	---
Emulsified Water	scalar	*Visual	>0.2	**NEG**	---	---

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m		**0**	---	---
Boron	ppm	ASTM D5185m		**243**	---	---
Barium	ppm	ASTM D5185m		**4**	---	---
Molybdenum	ppm	ASTM D5185m		**10**	---	---
Manganese	ppm	ASTM D5185m		**13**	---	---
Magnesium	ppm	ASTM D5185m		**7**	---	---
Calcium	ppm	ASTM D5185m		**158**	---	---
Phosphorus	ppm	ASTM D5185m		**1286**	---	---
Zinc	ppm	ASTM D5185m		**78**	---	---
Sulfur	ppm	ASTM D5185m		**21979**	---	---
Visc @ 40°C	cSt	ASTM D445		**101**	---	---

Viscosity @ 40°C

Iron (ppm)

Lead (ppm)

Aluminum (ppm)

Chromium (ppm)

Copper (ppm)

Silicon (ppm)

Viscosity @ 40°C

Additives
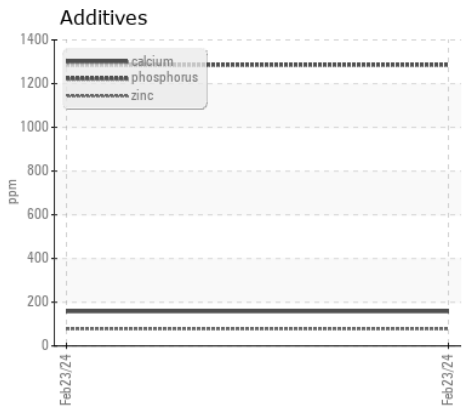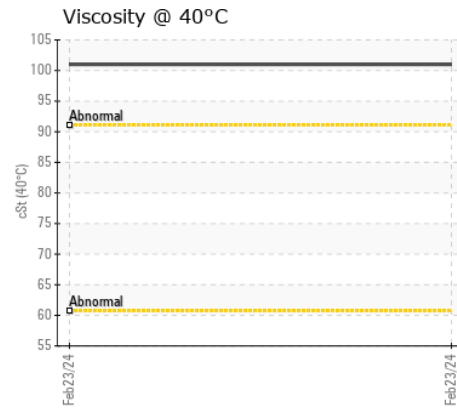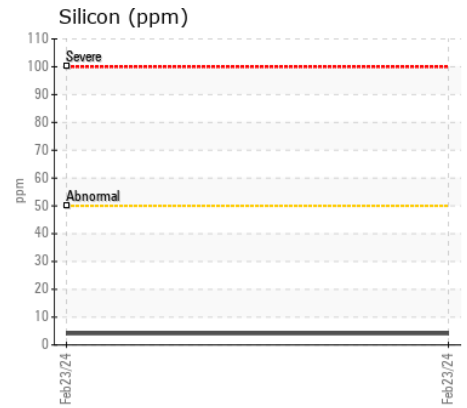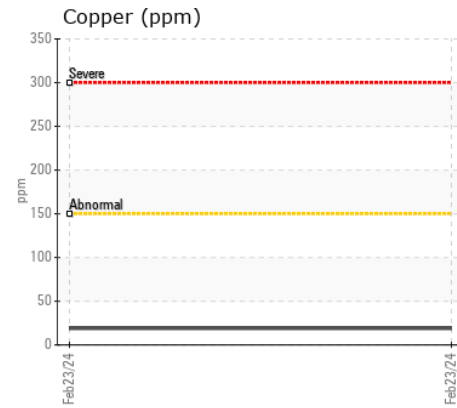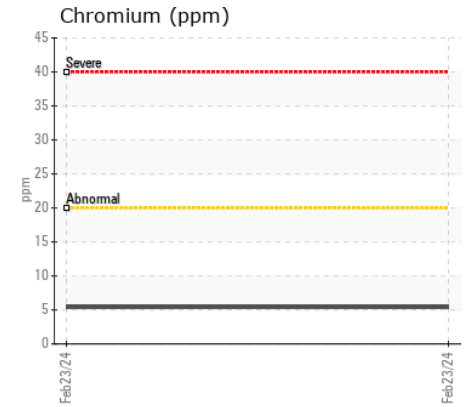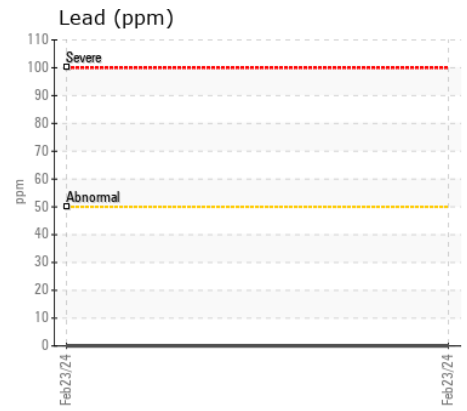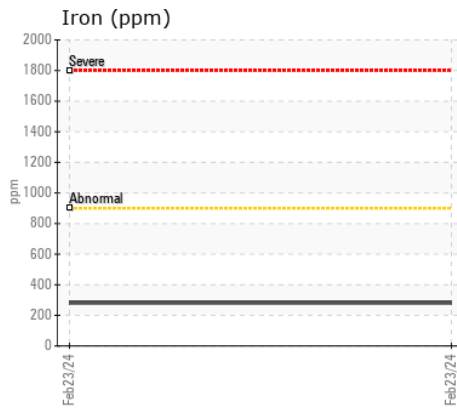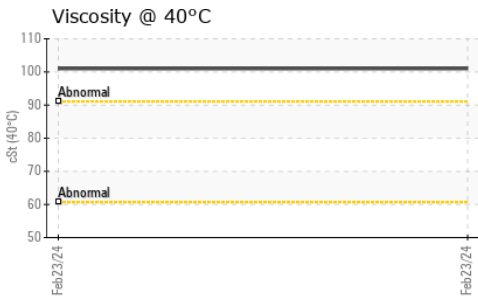
Laboratory	: WearCheck USA - 501 Madison Ave., Cary, NC 27513		**MCCLUNG-LOGAN EQUIPMENT CO - MANASSAS**	
Sample No.	: ML0886251	**Received**	: 26 Feb 2024	8450 QUARRY ROAD
Lab Number	: 06101221	**Tested**	: 28 Feb 2024	MANASSAS, VA
Unique Number	: 10899451	**Diagnosed**	: 28 Feb 2024 - Don Baldridge	US 20110
Test Package	: MOBCE			Contact: DARRELL ANDES

To discuss this sample report, contact Customer Service at 1-800-237-1369.   dandes@mcclung-logan.com

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

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)   F: (703)393-7844