



McCLUNG-LOGAN
EQUIPMENT COMPANY, INC.

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area

[W02008474]

Machine Id

VOLVO A30G 752446

Component

Tank Brake Cooling System

Fluid

VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W02008474)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ML0002332	ML0001518	---
Sample Date		Client Info		25 Jun 2024	09 Apr 2024	---
Machine Age	hrs	Client Info		4684	4327	---
Oil Age	hrs	Client Info		357	2000	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	Changed	---
Filter Changed		Client Info		N/A	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	22	17	---
Chromium	ppm	ASTM D5185m	>20	<1	<1	---
Nickel	ppm	ASTM D5185m	>10	<1	0	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		<1	<1	---
Aluminum	ppm	ASTM D5185m	>30	2	2	---
Lead	ppm	ASTM D5185m	>50	<1	1	---
Copper	ppm	ASTM D5185m	>200	101	153	---
Tin	ppm	ASTM D5185m	>20	<1	0	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

There is no indication of any contamination in the oil.

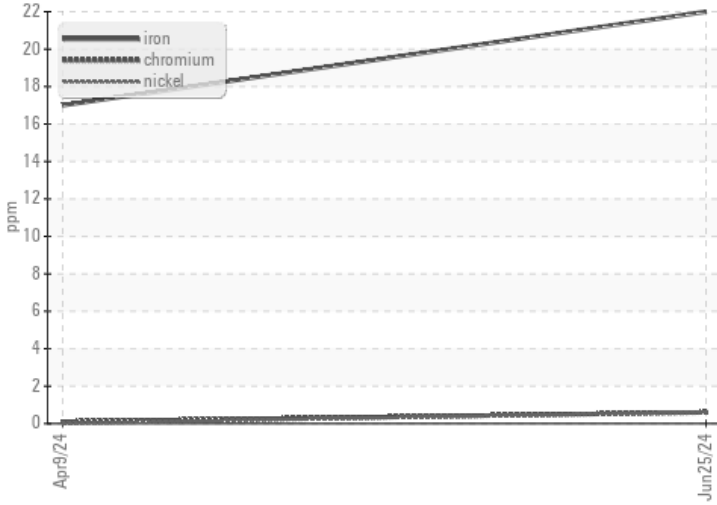
Silicon	ppm	ASTM D5185m	>50	18	14	---
Potassium	ppm	ASTM D5185m	>20	4	4	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---

FLUID CONDITION

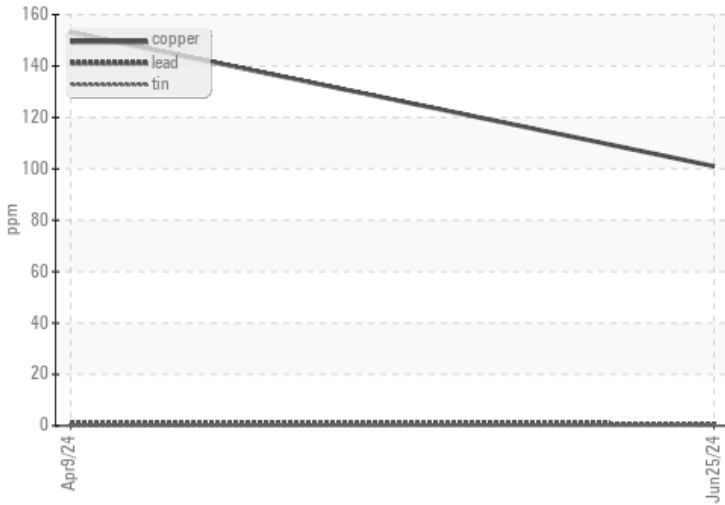
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		0	10	---
Boron	ppm	ASTM D5185m		117	123	---
Barium	ppm	ASTM D5185m		3	6	---
Molybdenum	ppm	ASTM D5185m		<1	1	---
Manganese	ppm	ASTM D5185m		1	<1	---
Magnesium	ppm	ASTM D5185m		7	8	---
Calcium	ppm	ASTM D5185m		3540	3696	---
Phosphorus	ppm	ASTM D5185m		1129	1136	---
Zinc	ppm	ASTM D5185m		1436	1302	---
Sulfur	ppm	ASTM D5185m		3933	6225	---

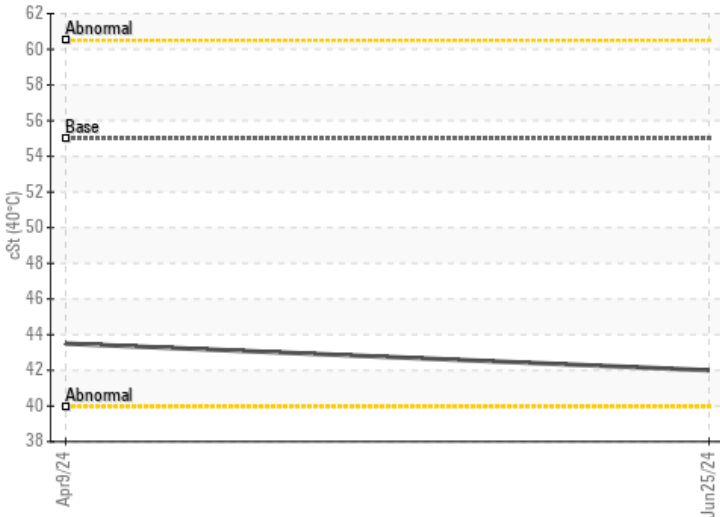
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ML0002332
Lab Number : 06221872
Unique Number : 11100069
Test Package : CONST

Received : 26 Jun 2024
Tested : 29 Jun 2024
Diagnosed : 29 Jun 2024 - Don Baldrige

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060

Contact: Alex Anderson
aanderson@mcclung-logan.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)

T:
F: (804)266-1611