CONSTRUCTION EQUIPMENT

9992 WASTE CONN VOLVO L90G 617183 - TRANSMISSION (AUTO)

Sample No: VCP388517
Oil Type: VOLVO AT 102
Job No: 9992 WASTE CONN

MCCLUNG-LOGAN EQUIPMENT CO - BALTIMORE
4601 WASHINGTON BOULEVARD
BALTIMORE, MD
US 21227
Contact: MARK CIULLA
mciulla@mcclung-logan.com
T: (410)242-6500
F: (410)242-7835

SAMPLE INFORMATION

Sample Number		**VCP388517**	VCP426384	VCP344996	VCP290946
Sample Date		**07 Dec 2023**	03 Oct 2023	17 Feb 2022	02 Dec 2020
Machine Hours		**28551**	28006	24530	21161
Oil Hours		**0**	0	0	0
Oil Changed		**Not Changd**	Changed	Not Changd	Not Changd
Sample Status		**NORMAL**	NORMAL	NORMAL	NORMAL

OIL CONDITION

Visc @ 40°C	cSt	**29.4**	29.7	33.2	27.3

CONTAMINATION

Water	%	**NEG**	NEG	NEG	NEG
Silicon	ppm	**9**	11	3	0
Sodium	ppm	**0**	4	4	5
Potassium	ppm	**2**	0	1	<1

WEAR METALS

Iron	ppm	**19**	13	11	11
Copper	ppm	**7**	5	6	1
Lead	ppm	**0**	0	<1	0
Tin	ppm	**0**	<1	0	<1
Aluminum	ppm	**1**	1	<1	0
Chromium	ppm	**0**	0	<1	0
Molybdenum	ppm	**0**	0	<1	<1
Nickel	ppm	**0**	0	<1	0
Titanium	ppm	**0**	0	0	0
Silver	ppm	**0**	0	0	<1
Manganese	ppm	**3**	5	<1	<1
Vanadium	ppm	**0**	0	0	0

ADDITIVES

Calcium	ppm	**142**	113	93	93
Magnesium	ppm	**1**	2	2	<1
Zinc	ppm	**7**	17	5	0
Phosphorus	ppm	**237**	220	200	198
Barium	ppm	**0**	<1	0	0
Boron	ppm	**103**	79	82	77

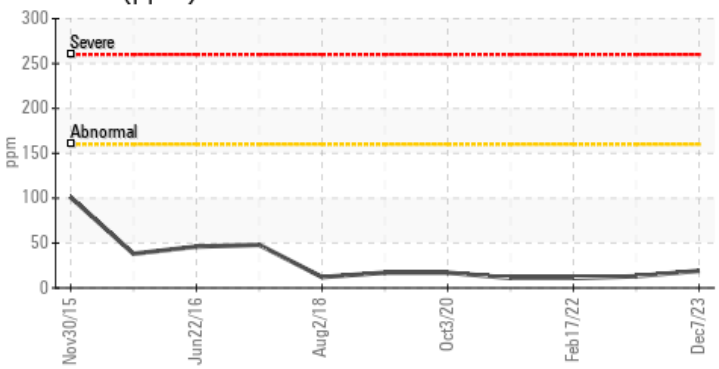
Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

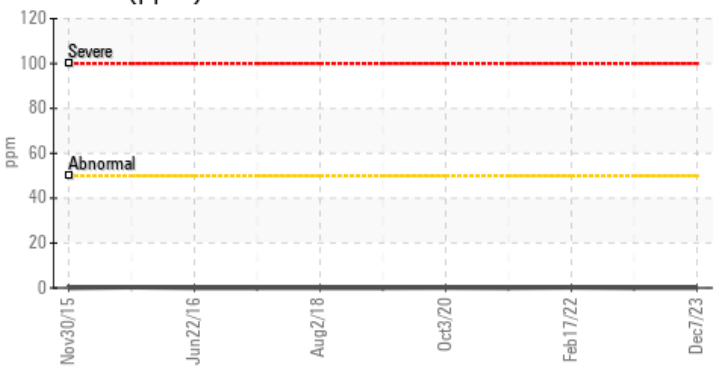
Depot: VOLVO0150
Unique No: 10789115
Signed: Wes Davis
Report Date: 14 Dec 2023

GRAPHS

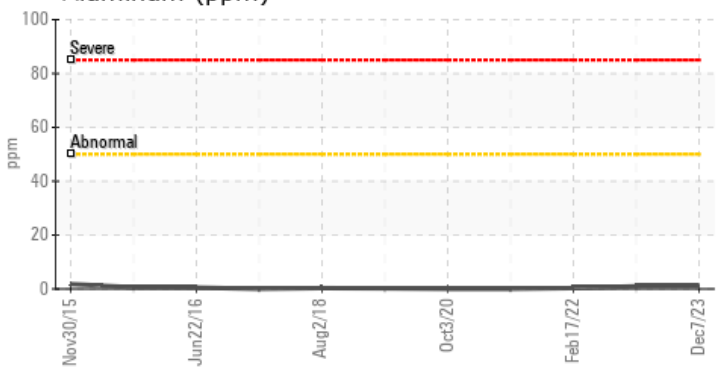
Iron (ppm)



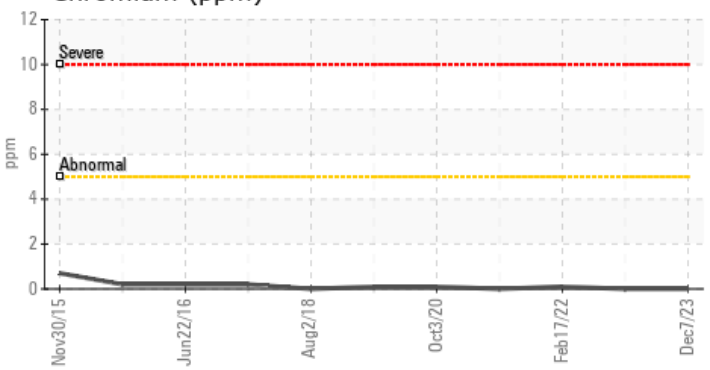
Lead (ppm)



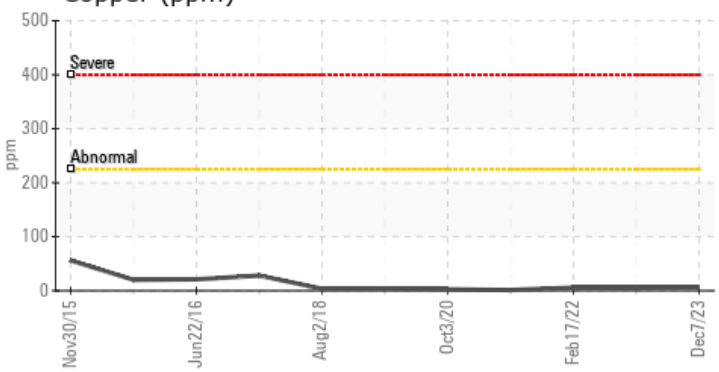
Aluminum (ppm)



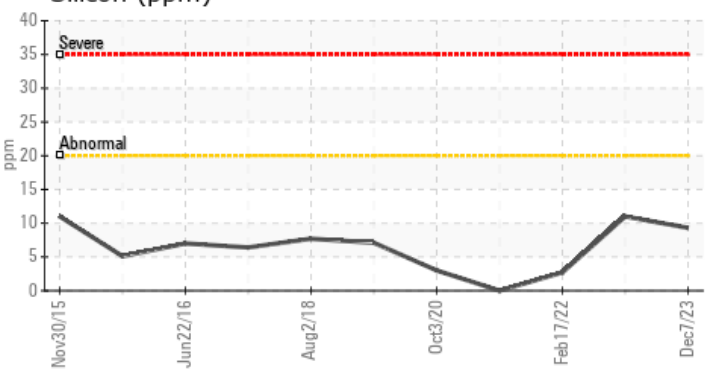
Chromium (ppm)



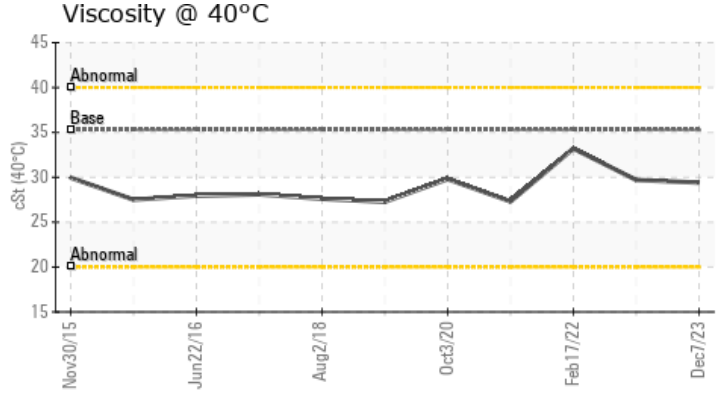
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives