



CONSTRUCTION EQUIPMENT

8-387321 VOLVO L90H 624665 - REAR AXLE



Sample No: VCP380055
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: 8-387321



SAMPLE INFORMATION

Sample Number	VCP380055	VCP332535	VCP280534	VCP260313
Sample Date	13 Dec 2023	08 Jul 2022	14 May 2021	11 Feb 2020
Machine Hours	8116	6055	4031	1997
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
 MISSISSAUGA, ON
 CA L4W 4L4

Contact: Janice Cripps
 jcripps@strongco.com
 T: (905)565-3876
 F: (905)670-2338



OIL CONDITION

Visc @ 40°C	cSt	43.3	39.7	39.7	41.2
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	10	14	14
Sodium	ppm	2	10	6	2
Potassium	ppm	<1	2	<1	1



WEAR METALS

Iron	ppm	176	104	277	249
Copper	ppm	3	2	3	3
Lead	ppm	<1	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	3	2	1	<1
Chromium	ppm	1	<1	2	2
Molybdenum	ppm	10	10	26	14
Nickel	ppm	1	<1	1	1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	1	0	0	0
Manganese	ppm	2	1	4	5
Vanadium	ppm	0	0	<1	<1



ADDITIVES

Calcium	ppm	4382	4112	4059	4310
Magnesium	ppm	18	14	13	13
Zinc	ppm	1643	1599	1679	1720
Phosphorus	ppm	1320	1304	1318	1382
Barium	ppm	0	0	0	0
Boron	ppm	131	123	115	125

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TRANSAXLE OIL SAE 75W80. Please confirm.

All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: SHEMIS
Unique No: 5697034
Signed: Wes Davis
Report Date: 18 Dec 2023

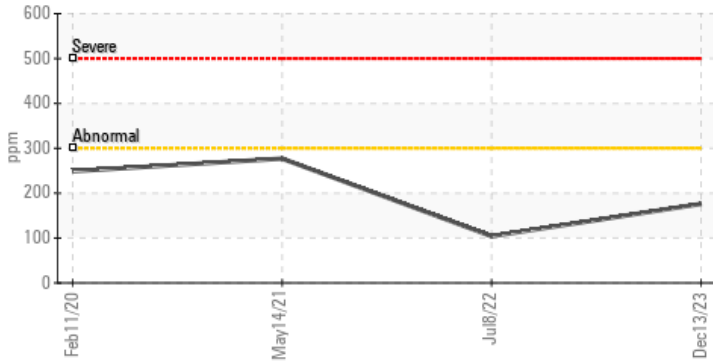


CONSTRUCTION EQUIPMENT

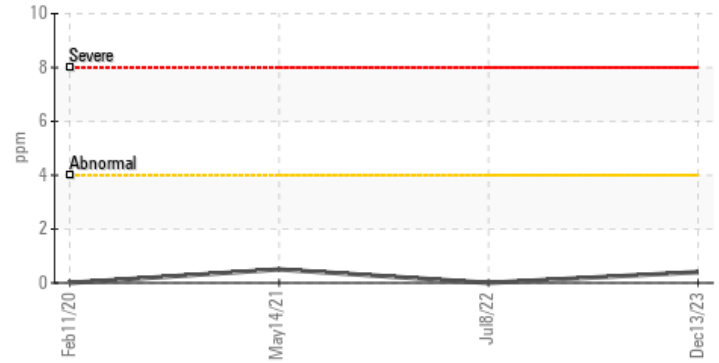


GRAPHS

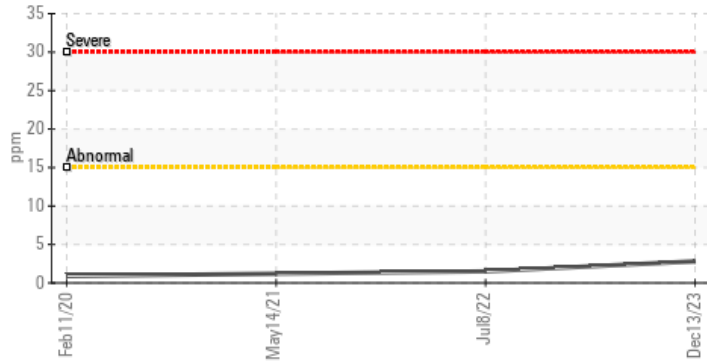
Iron (ppm)



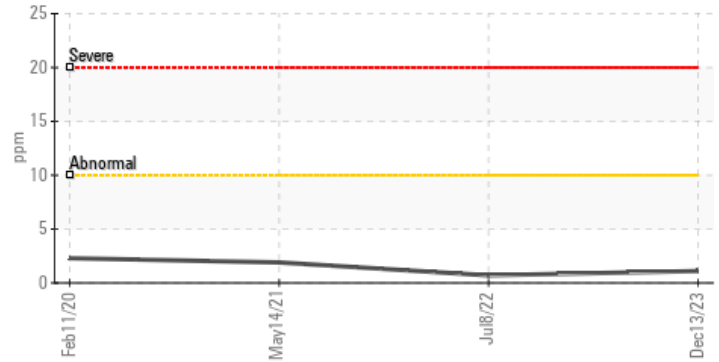
Lead (ppm)



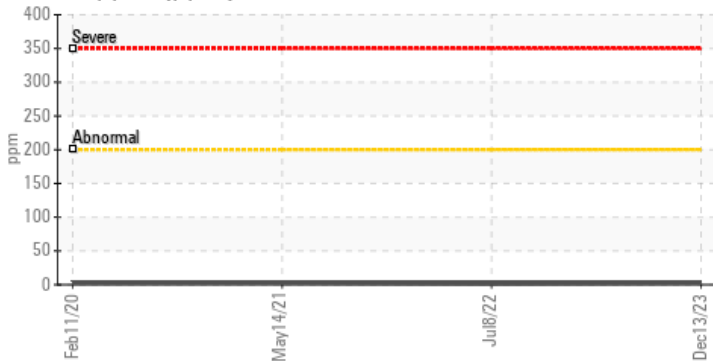
Aluminum (ppm)



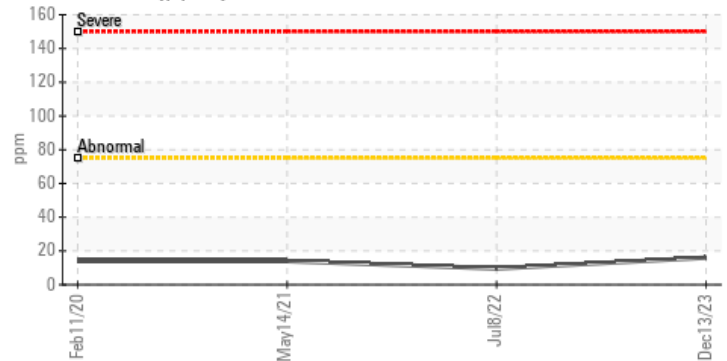
Chromium (ppm)



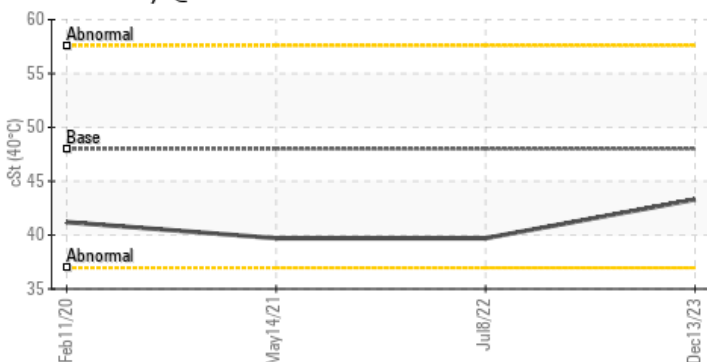
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

