



CONSTRUCTION EQUIPMENT

407438 VOLVO L150H 6828 - TRANSMISSION (AUTO)



Sample No: VCP380359
Oil Type: VOLVO AT 102
Job No: 407438



SAMPLE INFORMATION

Sample Number	VCP380359	VCP394765	VCP297501	VCP260688
Sample Date	07 Jun 2024	31 Jul 2023	24 Jun 2021	27 Nov 2019
Machine Hours	9999	8027	3945	929
Oil Hours	2000	4000	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Strongco Equipment
 5179 Fountain St N.
 Breslau, ON
 CA N0B 1M0
 Contact: Matt Crisci
 mcrisci@strongco.com
 T: (519)744-3518
 F: (519)744-3284



OIL CONDITION

Visc @ 40°C	cSt	27.7	27.0	25.9	26.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	6	10	9
Sodium	ppm	2	3	7	3
Potassium	ppm	1	1	7	2

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Additive levels indicate the addition of a different brand, or type of fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

PQ		---	---	---	13
Iron	ppm	59	140	127	117
Copper	ppm	6	11	10	6
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	1	<1
Chromium	ppm	<1	1	1	1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	1	4	6	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	71	82	88	101
Magnesium	ppm	1	3	2	2
Zinc	ppm	8	24	19	20
Phosphorus	ppm	183	197	150	158
Barium	ppm	<1	2	5	5
Boron	ppm	74	63	51	60

Depot: CASKIT
Unique No: 5801308
Signed: Wes Davis
Report Date: 25 Jun 2024

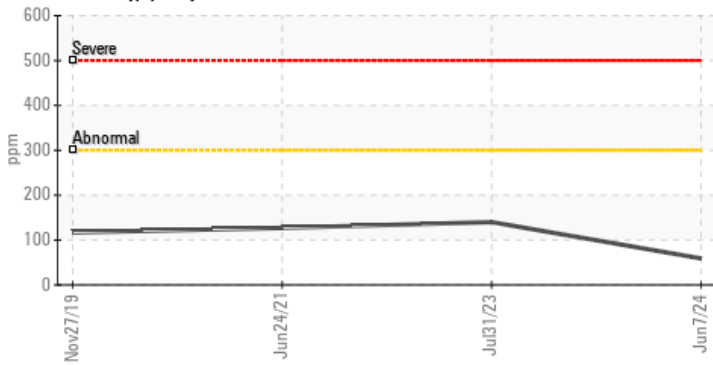


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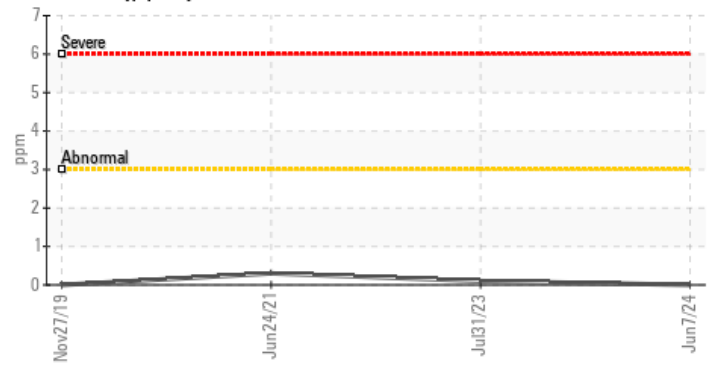


GRAPHS

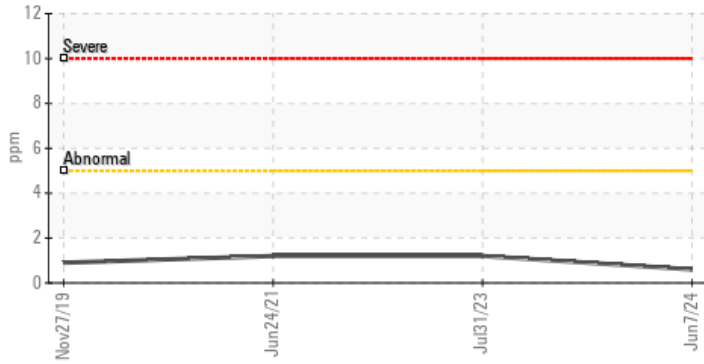
Iron (ppm)



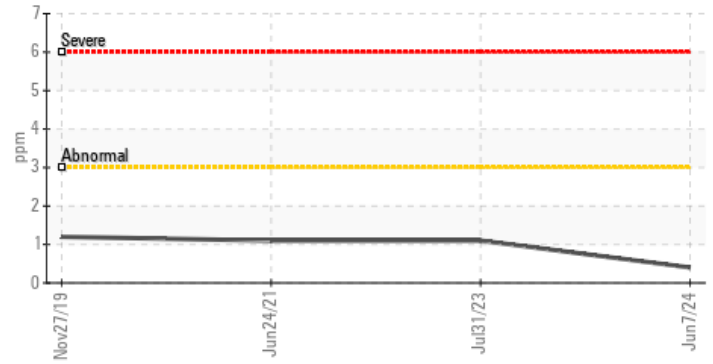
Lead (ppm)



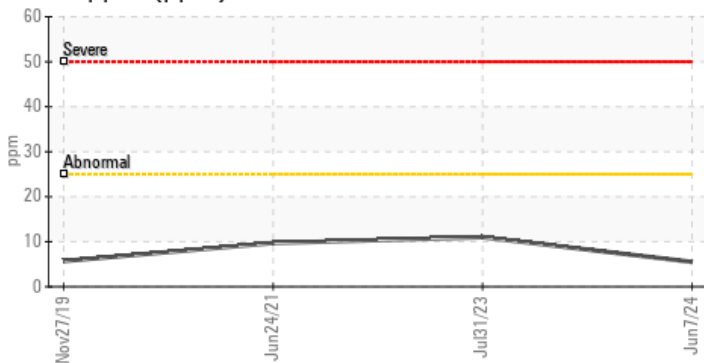
Aluminum (ppm)



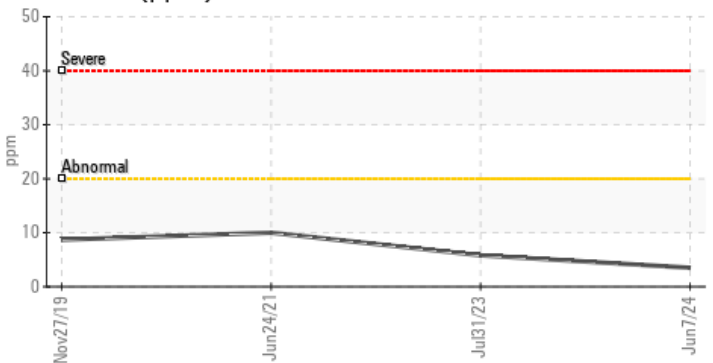
Chromium (ppm)



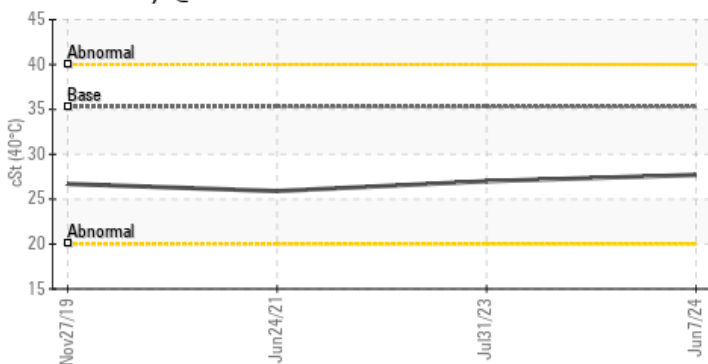
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

