



CONSTRUCTION EQUIPMENT

RIPA VOLVO L110H 631226 - TRANSMISSION (AUTO)



Sample No: VCP422698
Oil Type: VOLVO AT 102
Job No: RIPA



SAMPLE INFORMATION

Sample Number	VCP422698	VCP411360	VCP400056	VCP274714
Sample Date	14 Jul 2023	11 Apr 2023	08 Dec 2022	13 Jul 2020
Machine Hours	12022	11460	10775	5614
Oil Hours	0	2000	1000	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rturner@ripatampa.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	27.6	27.6	27.7	26.3
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CONTAMINATION

Silicon	ppm	3	2	4	4
Sodium	ppm	3	2	2	3
Potassium	ppm	0	0	<1	0



WEAR METALS

Iron	ppm	22	21	18	27
Copper	ppm	2	2	2	4
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	6	5	5	4
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	69	70	74	81
Magnesium	ppm	1	<1	<1	1
Zinc	ppm	0	3	0	12
Phosphorus	ppm	178	178	202	136
Barium	ppm	0	0	0	<1
Boron	ppm	93	94	93	69

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: RIPTAM
Unique No: 10606424
Signed: Wes Davis
Report Date: 17 Aug 2023

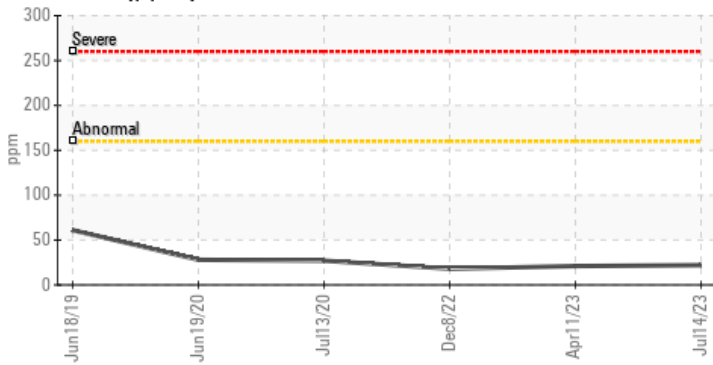


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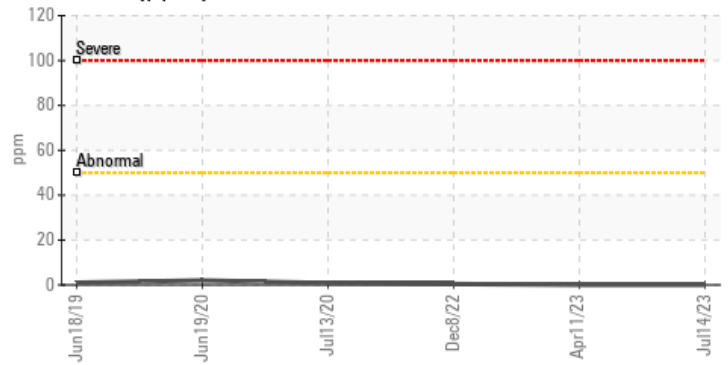


GRAPHS

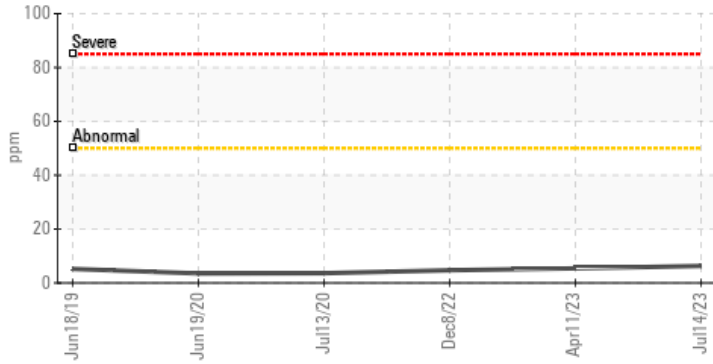
Iron (ppm)



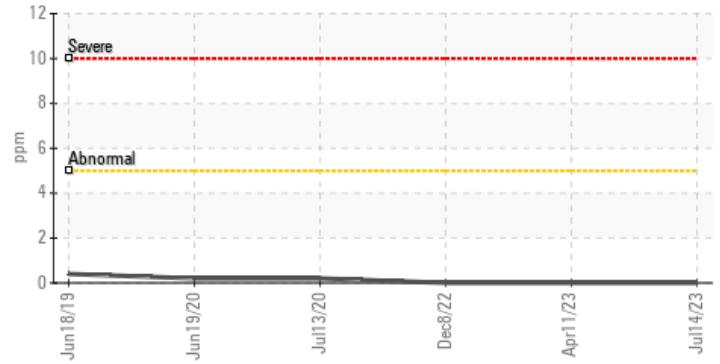
Lead (ppm)



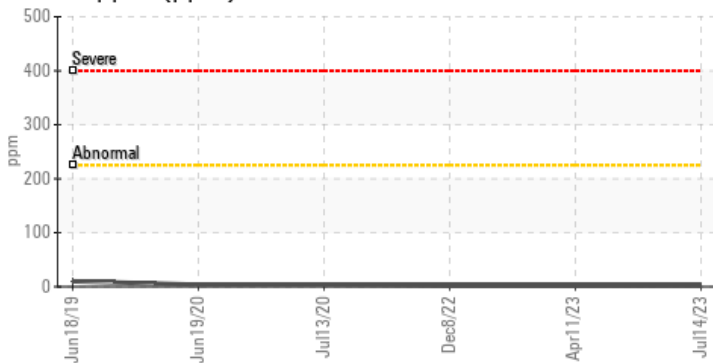
Aluminum (ppm)



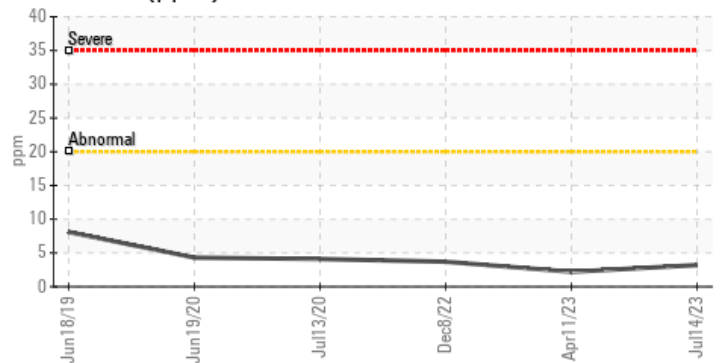
Chromium (ppm)



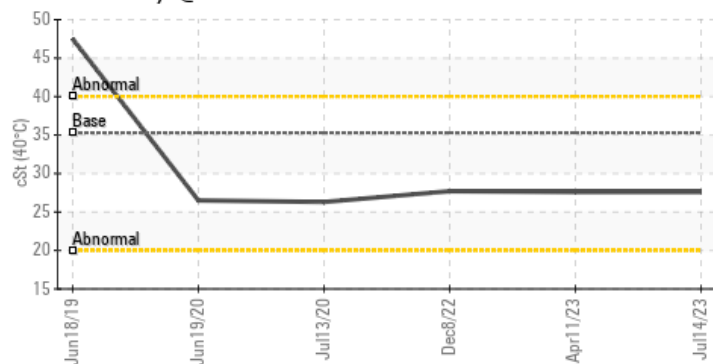
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

