



CONSTRUCTION EQUIPMENT

VOLVO A30G 742111 - TRANSMISSION (AUTO)



Sample No: VCP437296
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP437296	VCP422699	VCP411355	VCP376236
Sample Date	28 Jun 2024	18 Jul 2023	22 Apr 2023	01 Aug 2022
Machine Hours	1267	9587	9166	8256
Oil Hours	0	0	1000	2000
Oil Changed	Not Chngd	N/A	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: PM Services
 PMServices@ripaconstruction.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	28.3	29.0	29.0	29.8
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	3	3	3
Sodium	ppm	3	4	2	5
Potassium	ppm	3	<1	2	<1

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.



WEAR METALS

Iron	ppm	24	19	15	25
Copper	ppm	11	7	6	10
Lead	ppm	<1	0	0	0
Tin	ppm	3	2	2	3
Aluminum	ppm	12	11	9	17
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	2	<1	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	106	69	74	77
Magnesium	ppm	2	2	4	<1
Zinc	ppm	16	0	3	5
Phosphorus	ppm	170	187	194	214
Barium	ppm	0	0	0	0
Boron	ppm	89	90	82	87

Depot: RIPTAM
Unique No: 1114152
Signed: Wes Davis
Report Date: 09 Jul 2024

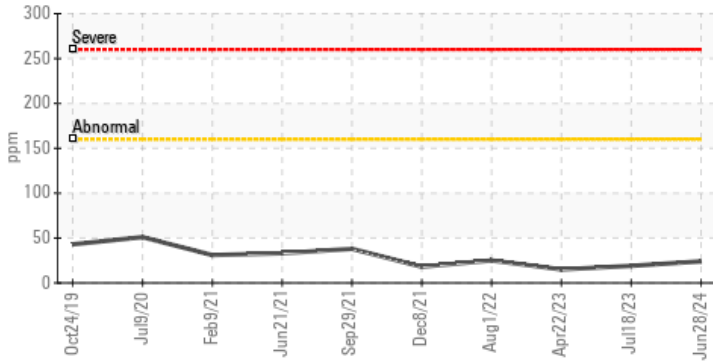


CONSTRUCTION EQUIPMENT

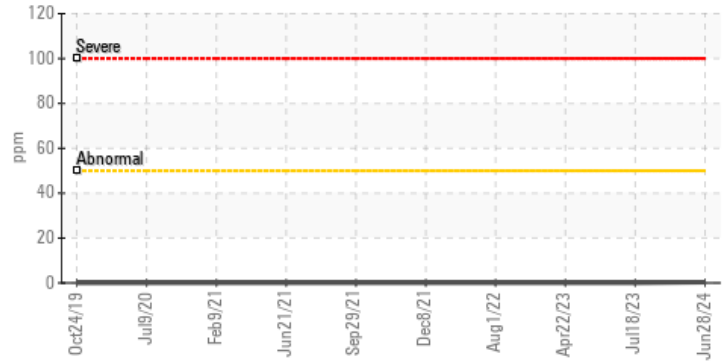


VOLVO GRAPHS

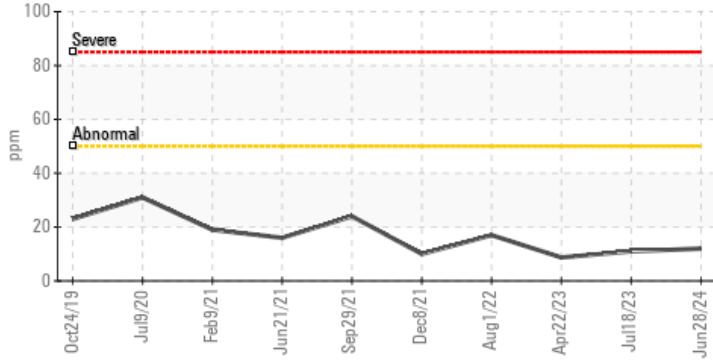
Iron (ppm)



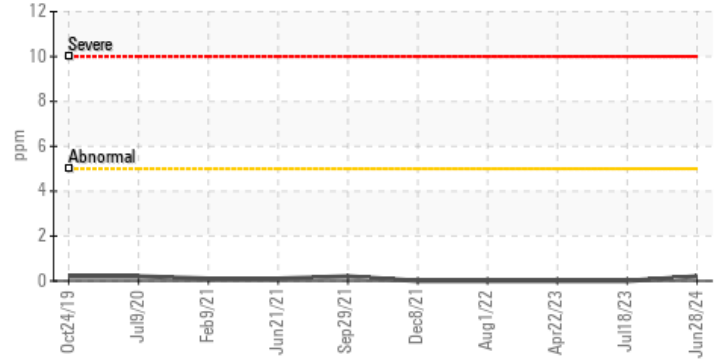
Lead (ppm)



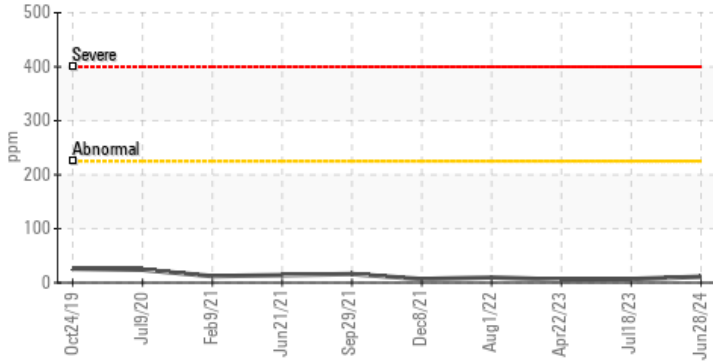
Aluminum (ppm)



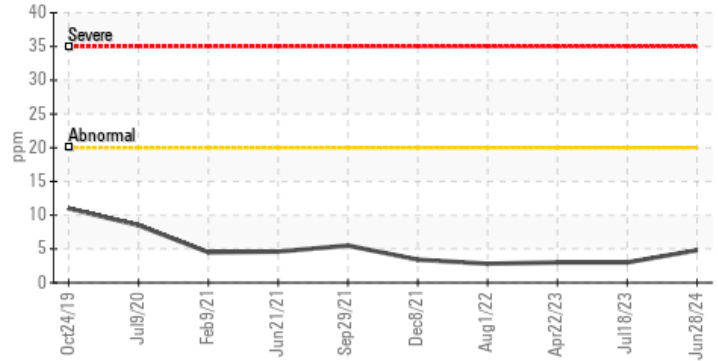
Chromium (ppm)



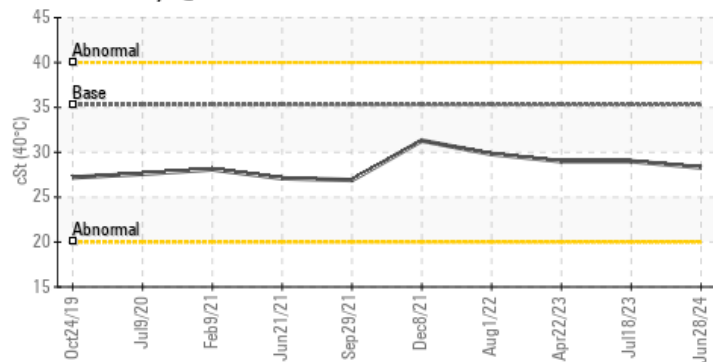
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

