



CONSTRUCTION EQUIPMENT

317506 VOLVO A30G 742109 - TRANSMISSION (AUTO)



Sample No: VCP411550
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 317506



SAMPLE INFORMATION

Sample Number	VCP411550	VCP418279	VCP417367	VCP397271
Sample Date	25 Jul 2023	12 Jun 2023	11 Jun 2023	16 Jan 2023
Machine Hours	9526	9411	9411	8854
Oil Hours	0	0	0	1500
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	ABNORMAL	SEVERE	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	28.1	28.3	25.5	28.3
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CONTAMINATION

Silicon	ppm	4	2	6	3
Sodium	ppm	4	3	6	2
Potassium	ppm	<1	0	<1	<1



WEAR METALS

Iron	ppm	21	18	374	17
Copper	ppm	8	4	9	7
Lead	ppm	0	0	0	<1
Tin	ppm	2	<1	0	2
Aluminum	ppm	12	11	4	10
Chromium	ppm	0	0	1	0
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	<1	<1	<1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	12	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	87	68	82	78
Magnesium	ppm	4	0	0	2
Zinc	ppm	11	0	53	2
Phosphorus	ppm	212	189	170	184
Barium	ppm	0	0	0	0
Boron	ppm	91	90	38	93

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: 10575879
Signed: Wes Davis
Report Date: 28 Jul 2023

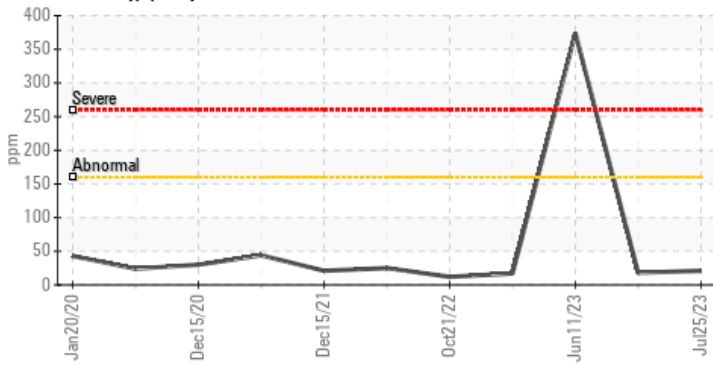


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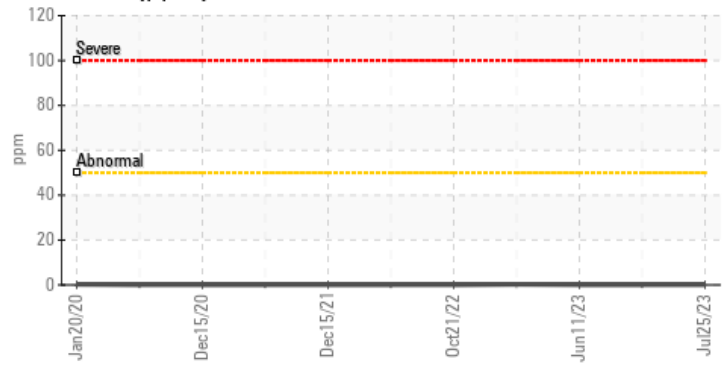


GRAPHS

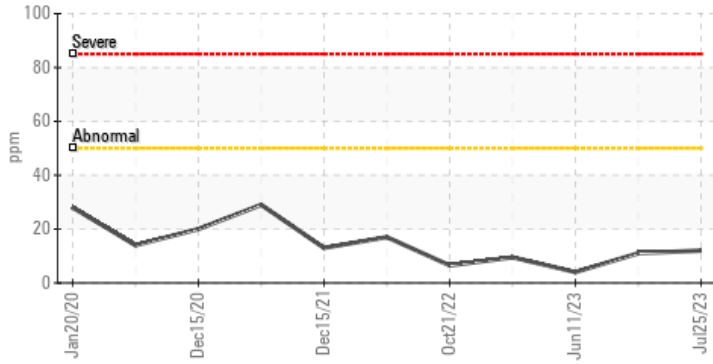
Iron (ppm)



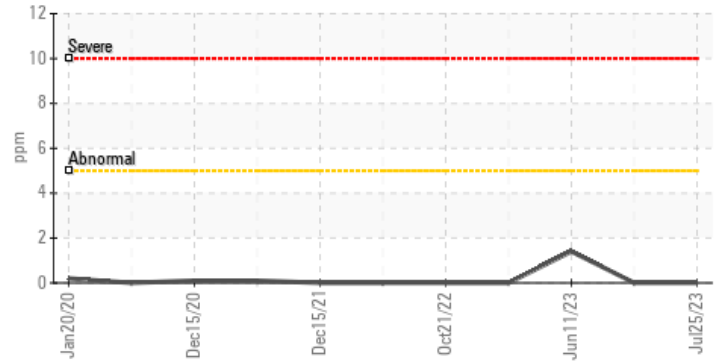
Lead (ppm)



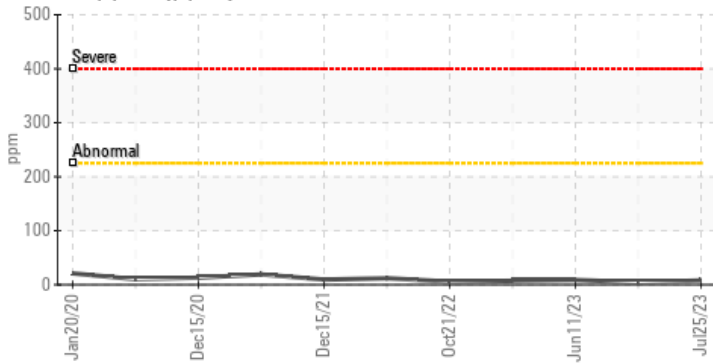
Aluminum (ppm)



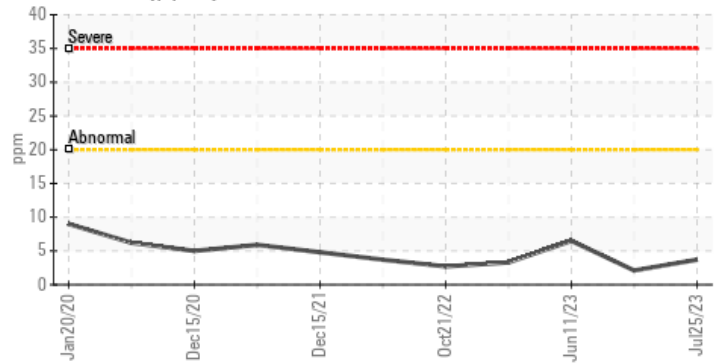
Chromium (ppm)



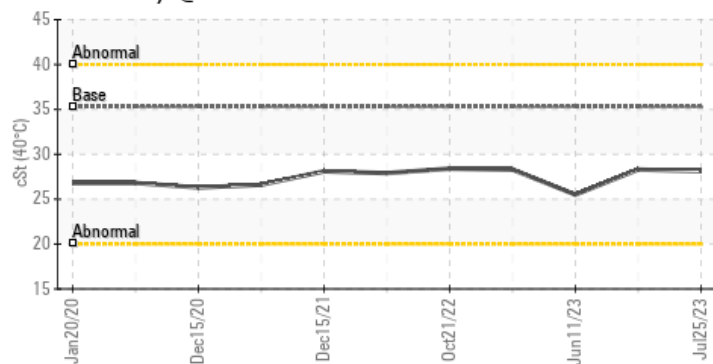
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

