



CONSTRUCTION EQUIPMENT

24281 VOLVO A30G 740267 - TRANSMISSION (AUTO)



Sample No: VCP416531
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 24281



SAMPLE INFORMATION

Sample Number	VCP416531	VCP306048	---	---
Sample Date	01 Nov 2023	08 May 2021	---	---
Machine Hours	5992	4148	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	ABNORMAL	NORMAL	---	---

SANDERS BROTHERS CONSTRUCTION

1990 HARLEY STREET
 NORTH CHARLESTON, SC
 US 29411

Contact: MARC WATSON
 marc.watson@sandersbrothers.com
 T: (843)744-4261
 F: (843)747-3909



OIL CONDITION

Visc @ 40°C	cSt	27.2	26.7	---	---
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CONTAMINATION

Silicon	ppm	4	7	---	---
Sodium	ppm	6	6	---	---
Potassium	ppm	2	3	---	---



WEAR METALS

Iron	ppm	42	53	---	---
Copper	ppm	27	37	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	4	7	---	---
Aluminum	ppm	17	25	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	4	6	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	95	108	---	---
Magnesium	ppm	4	1	---	---
Zinc	ppm	18	5	---	---
Phosphorus	ppm	172	189	---	---
Barium	ppm	0	0	---	---
Boron	ppm	70	65	---	---

Diagnosis

The fluid change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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: SANNOR
Unique No: 10727813
Signed: Don Baldrige
Report Date: 08 Nov 2023

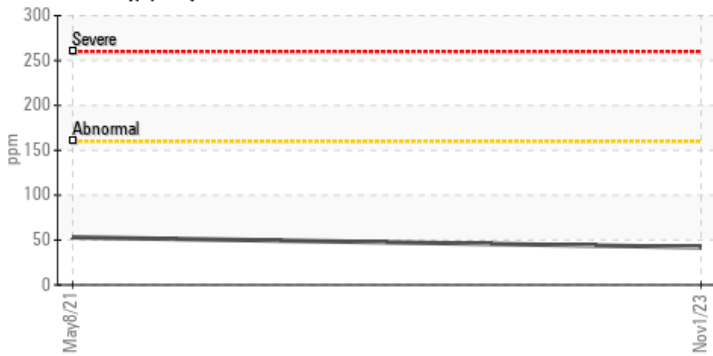


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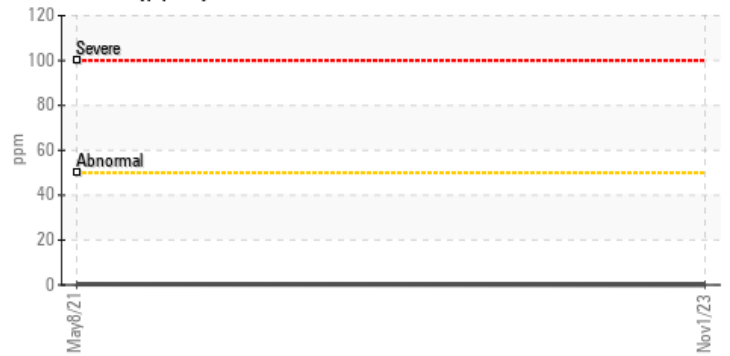


GRAPHS

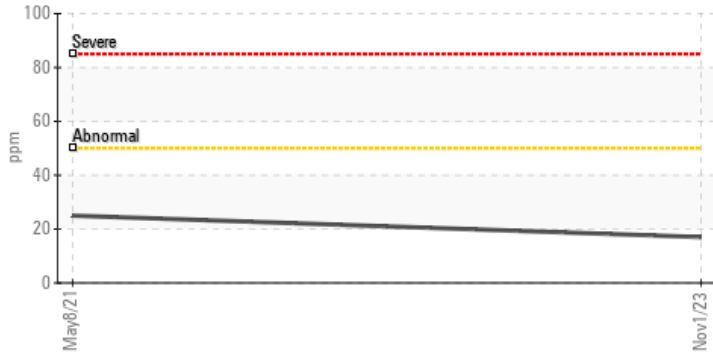
Iron (ppm)



Lead (ppm)



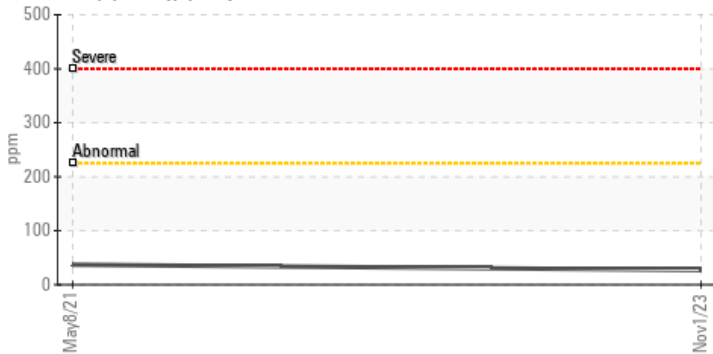
Aluminum (ppm)



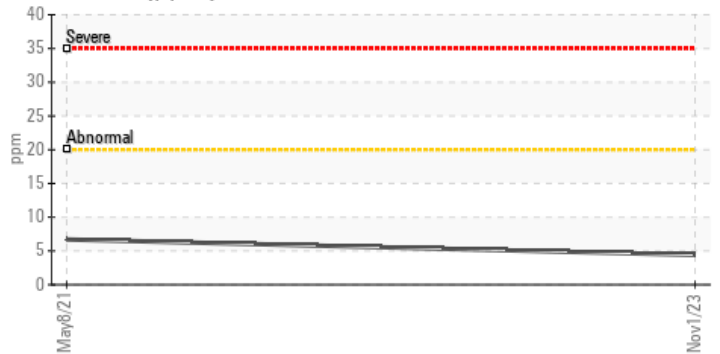
Chromium (ppm)



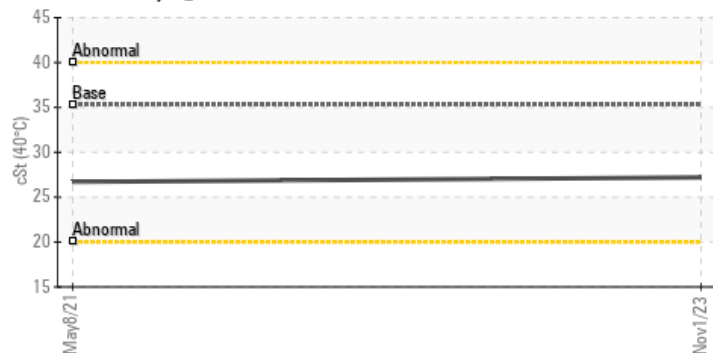
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

