



CONSTRUCTION EQUIPMENT

HERC RENTAL VOLVO A30G 753485 - TRANSMISSION (AUTO)



Sample No: VCP444734
Oil Type: VOLVO AT 102
Job No: HERC RENTAL



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SAMPLE INFORMATION

Sample Number	VCP444734	VCP432061	---	---
Sample Date	20 Jun 2024	03 Nov 2023	---	---
Machine Hours	1123	553	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	ABNORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	28.5	28.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	15	---	---
Sodium	ppm	5	3	---	---
Potassium	ppm	3	2	---	---



WEAR METALS

Iron	ppm	23	22	---	---
Copper	ppm	13	9	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	4	2	---	---
Aluminum	ppm	16	10	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	69	71	---	---
Magnesium	ppm	0	<1	---	---
Zinc	ppm	8	<1	---	---
Phosphorus	ppm	198	189	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	69	78	---	---

Diagnosis

The filter 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: VOLVO0093
Unique No: 11099933
Signed: Don Baldrige
Report Date: 28 Jun 2024



CONSTRUCTION EQUIPMENT

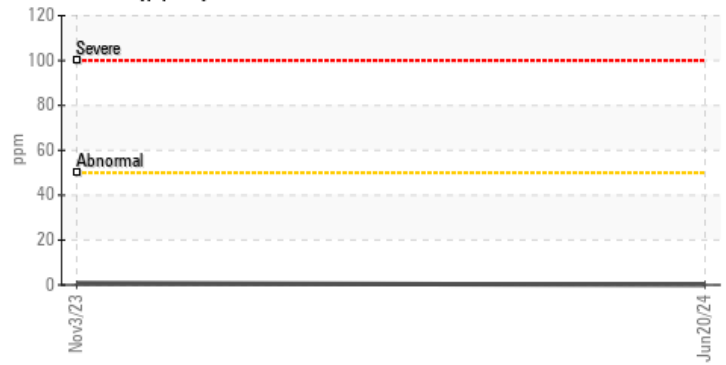


GRAPHS

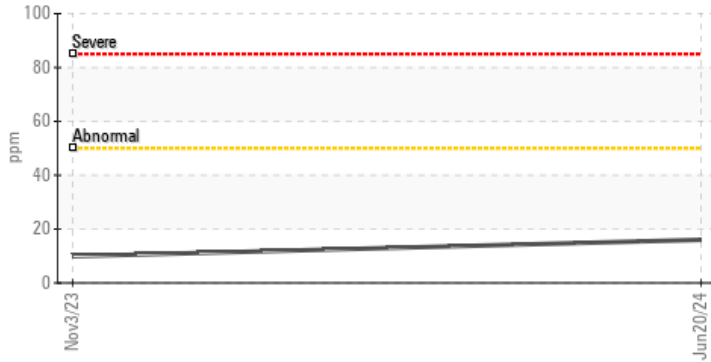
Iron (ppm)



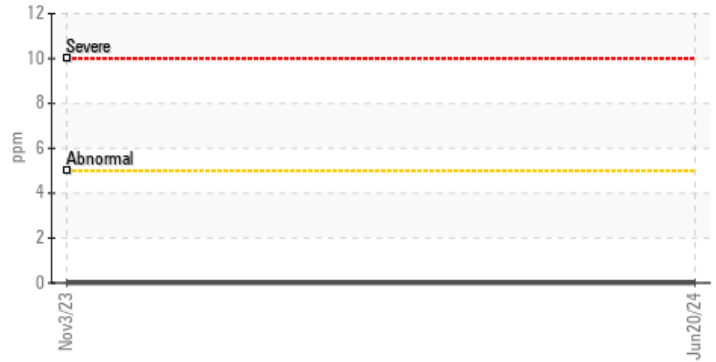
Lead (ppm)



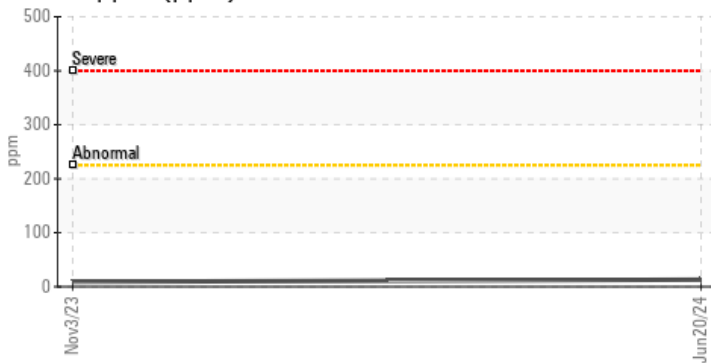
Aluminum (ppm)



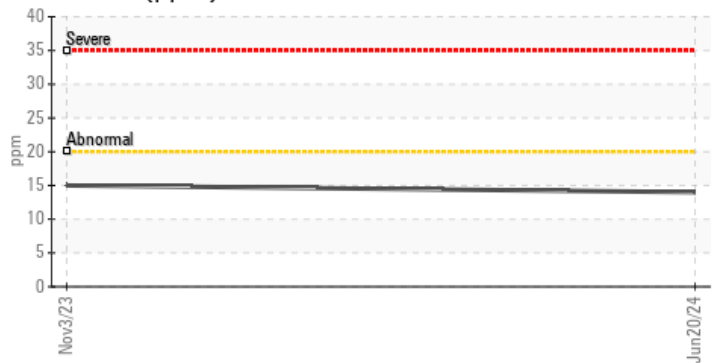
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

