



CONSTRUCTION EQUIPMENT

478328 VOLVO A25G 752592 - TRANSMISSION (AUTO)



Sample No: VCP441524
Oil Type: VOLVO AT 102
Job No: 478328



SAMPLE INFORMATION

Sample Number	VCP441524	VCP432054	---	---
Sample Date	07 Feb 2024	27 Sep 2023	---	---
Machine Hours	1492	1045	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 29.2	29.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 11	█ 14	---	---
Sodium	ppm	█ 6	█ 4	---	---
Potassium	ppm	█ 2	█ 3	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 24	█ 23	---	---
Copper	ppm	█ 10	█ 11	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 3	█ 3	---	---
Aluminum	ppm	█ 16	█ 14	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ <1	█ 1	---	---
Titanium	ppm	█ 0	█ 0	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	█ 3	█ 4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 69	█ 80	---	---
Magnesium	ppm	█ 1	█ 0	---	---
Zinc	ppm	█ 7	█ 0	---	---
Phosphorus	ppm	█ 197	█ 179	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 86	█ 82	---	---

Depot: VOLVO0093
Unique No: 10871862
Signed: Sean Felton
Report Date: 12 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

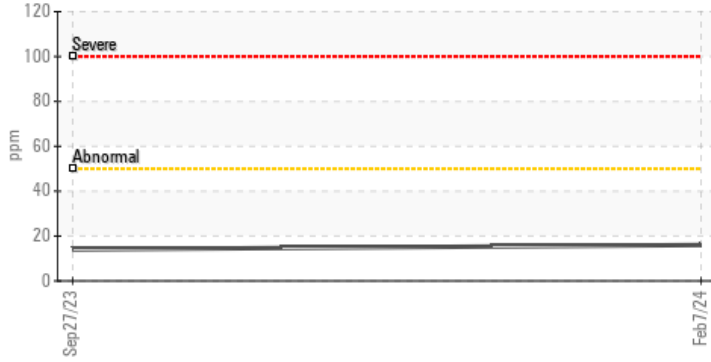
Iron (ppm)



Lead (ppm)



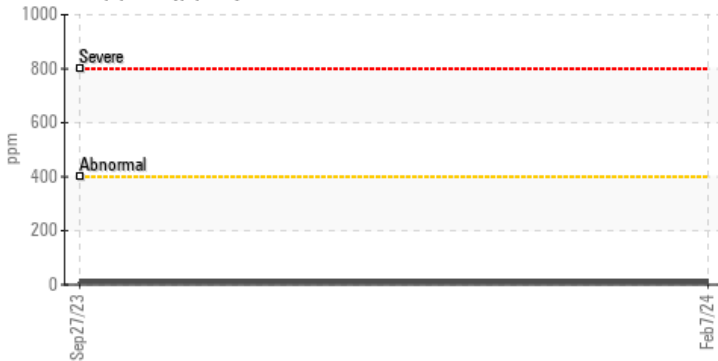
Aluminum (ppm)



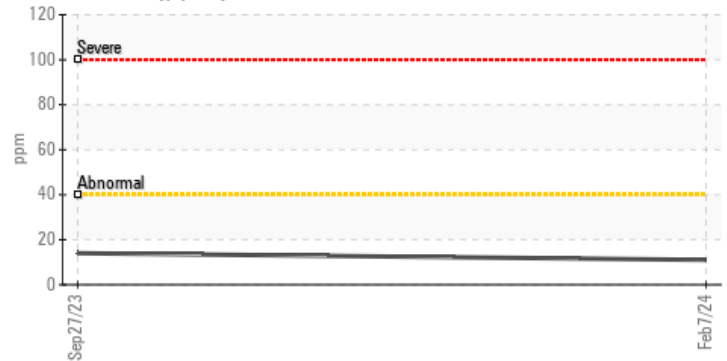
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

