



CONSTRUCTION EQUIPMENT

VOLVO A30G 742411 - TRANSMISSION (AUTO)



Sample No: VCP439107
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP439107	VCP275818	---	---
Sample Date	22 Feb 2024	26 May 2020	---	---
Machine Hours	5942	2049	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	27.4	28.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	7	15	---	---
Sodium	ppm	9	8	---	---
Potassium	ppm	2	4	---	---

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	130	68	---	---
Copper	ppm	65	40	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	13	12	---	---
Aluminum	ppm	49	45	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	7	6	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	239	194	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	49	8	---	---
Phosphorus	ppm	205	318	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	59	89	---	---

Depot: VOLVO0096
Unique No: 10897015
Signed: Don Baldrige
Report Date: 26 Feb 2024

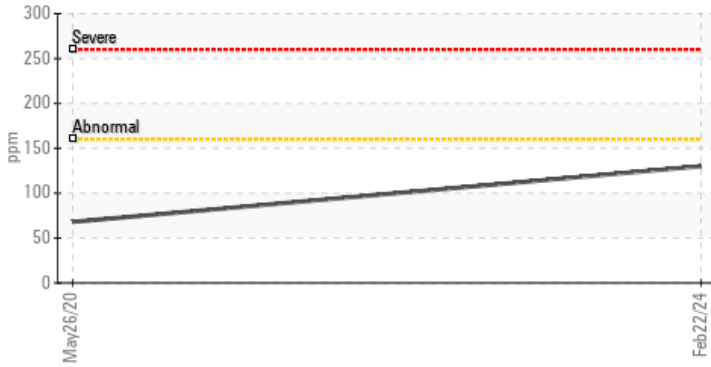


CONSTRUCTION EQUIPMENT

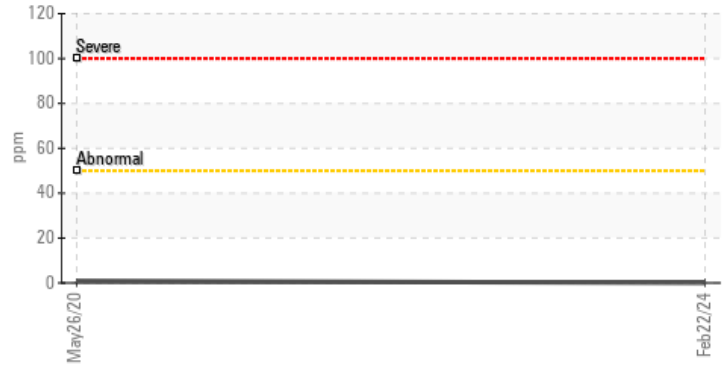


GRAPHS

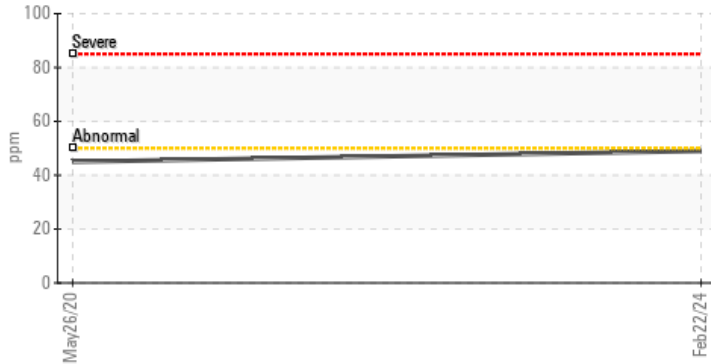
Iron (ppm)



Lead (ppm)



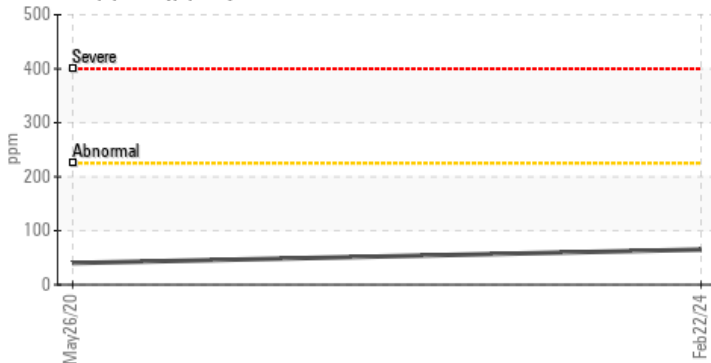
Aluminum (ppm)



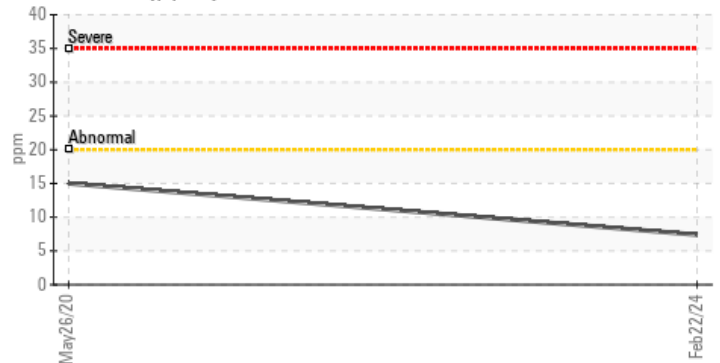
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

