



CONSTRUCTION EQUIPMENT

578354 VOLVO A45 752 152 - TRANSMISSION (AUTO)



Sample No: VCP440485
Oil Type: VOLVO AT 102
Job No: 578354



SAMPLE INFORMATION

Sample Number	VCP440485	VCP437081	---	---
Sample Date	07 Jun 2024	15 Mar 2024	---	---
Machine Hours	967	499	---	---
Oil Hours	967	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	27.7	28.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	22	---	---
Sodium	ppm	6	4	---	---
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	27	29	---	---
Copper	ppm	42	44	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	3	5	---	---
Aluminum	ppm	16	11	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	4	6	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	70	108	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	<1	4	---	---
Phosphorus	ppm	184	247	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	78	136	---	---

Depot: VOLVO0093
Unique No: 11127122
Signed: Don Baldrige
Report Date: 18 Jul 2024

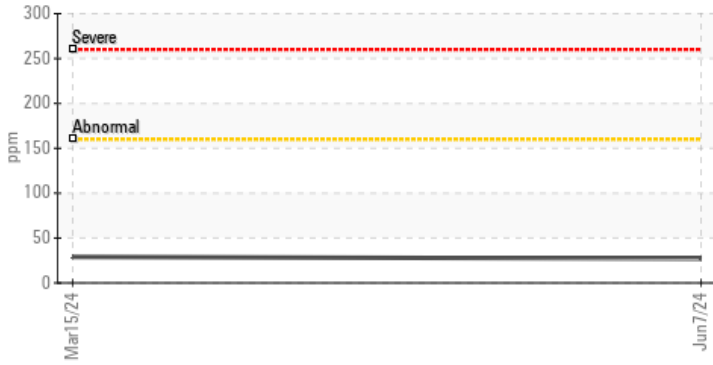


CONSTRUCTION EQUIPMENT

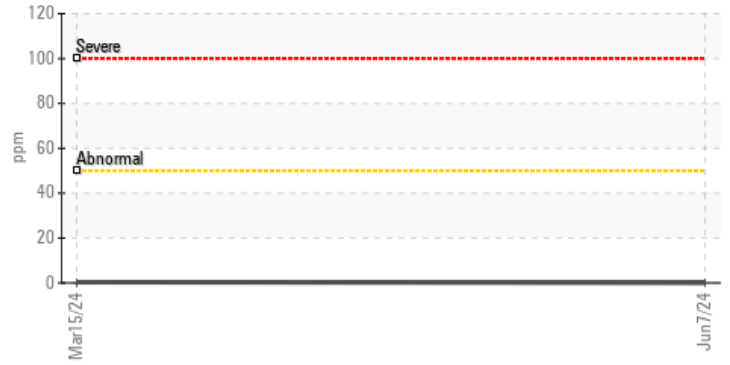


GRAPHS

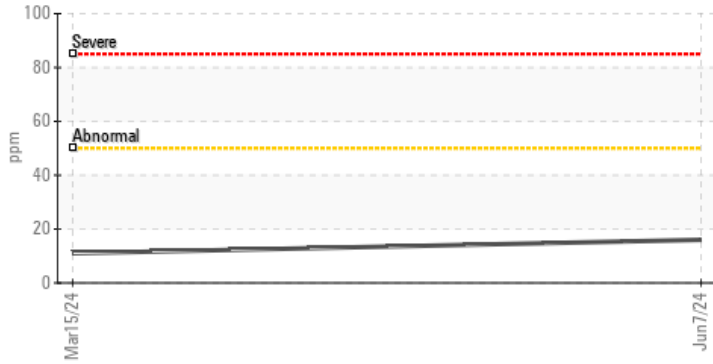
Iron (ppm)



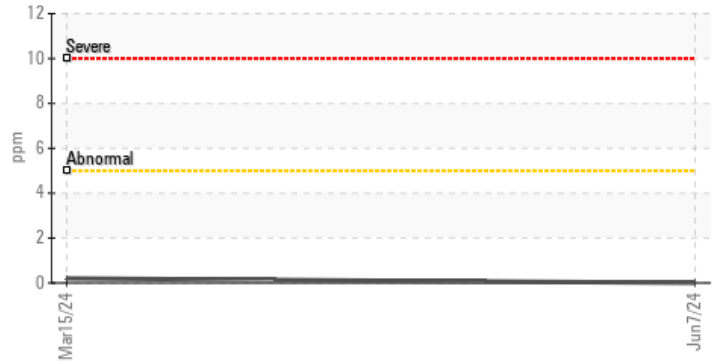
Lead (ppm)



Aluminum (ppm)



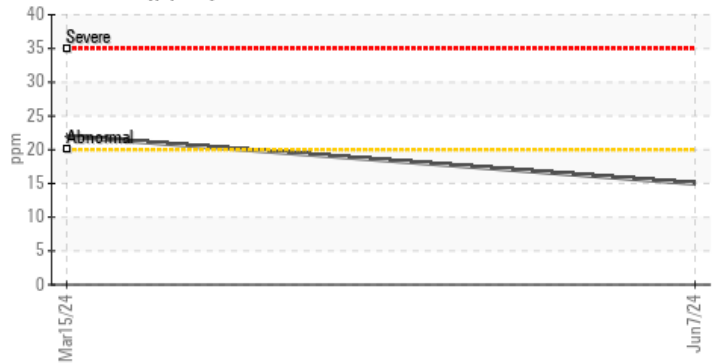
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

