



CONSTRUCTION EQUIPMENT

CABWA FOREST VOLVO L180H 4757 - TRANSMISSION (AUTO)



Sample No: VCP417546
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: CABWA FOREST



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SAMPLE INFORMATION

Sample Number	VCP417546	VCP321210	---	---
Sample Date	27 Jun 2023	24 Sep 2021	---	---
Machine Hours	12328	7996	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	42.3	26.5	---	---
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CONTAMINATION

Silicon	ppm	3	2	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	49	154	---	---
Copper	ppm	8	6	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	3	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	2613	101	---	---
Magnesium	ppm	20	1	---	---
Zinc	ppm	1040	12	---	---
Phosphorus	ppm	845	155	---	---
Barium	ppm	0	0	---	---
Boron	ppm	100	69	---	---

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.

Depot: VOLVO1672
Unique No: 10536449
Signed: Don Baldrige
Report Date: 02 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

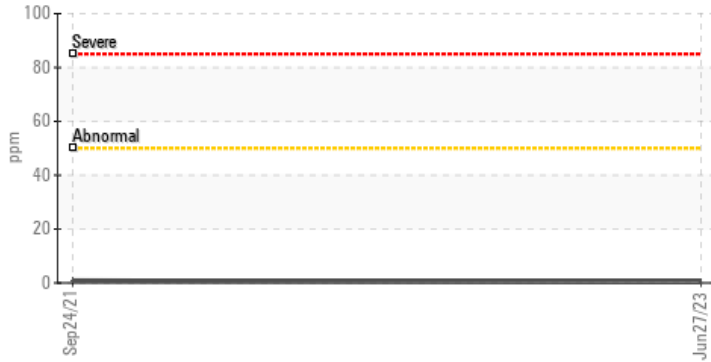
Iron (ppm)



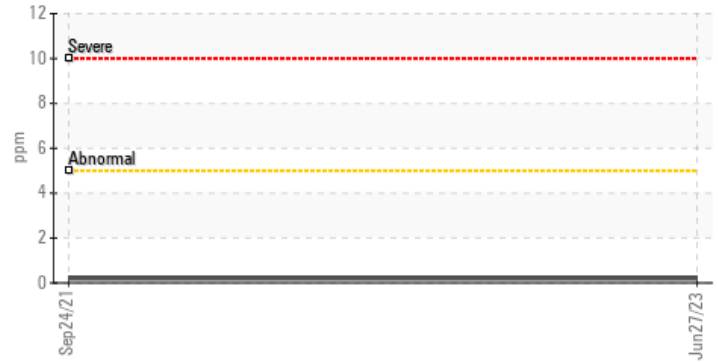
Lead (ppm)



Aluminum (ppm)



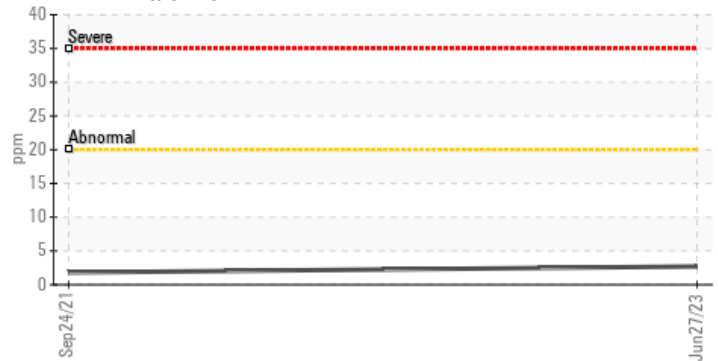
Chromium (ppm)



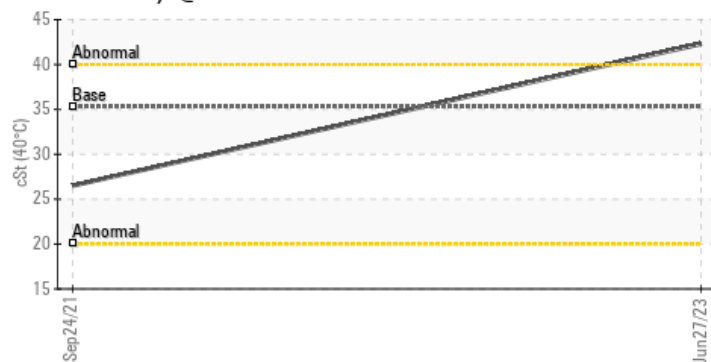
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

