



CONSTRUCTION EQUIPMENT

VOLVO A45G 352371 - TRANSMISSION (AUTO)



Sample No: VCP436579

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP436579	VCP349915	---	---
Sample Date	10 Jul 2024	03 Feb 2022	---	---
Machine Hours	5560	2372	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	27.4	28.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	6	---	---
Sodium	ppm	9	0	---	---
Potassium	ppm	3	2	---	---



WEAR METALS

Iron	ppm	44	23	---	---
Copper	ppm	85	49	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	9	5	---	---
Aluminum	ppm	27	14	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	▲ 13	3	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	50	86	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	0	0	---	---
Phosphorus	ppm	164	189	---	---
Barium	ppm	0	0	---	---
Boron	ppm	73	88	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The nickel level is abnormal. All other 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: VOLVO0090
Unique No: 11125503
Signed: Don Baldrige
Report Date: 17 Jul 2024

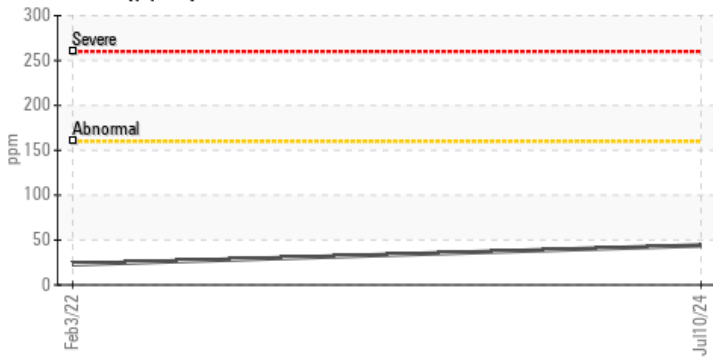


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GRAPHS

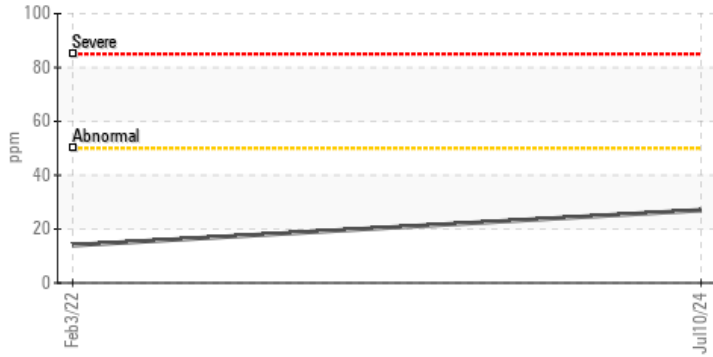
Iron (ppm)



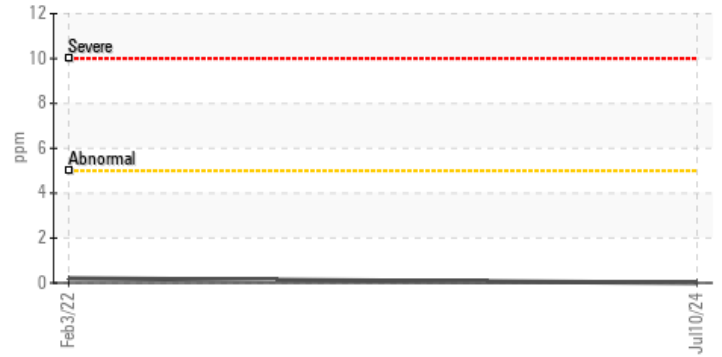
Lead (ppm)



Aluminum (ppm)



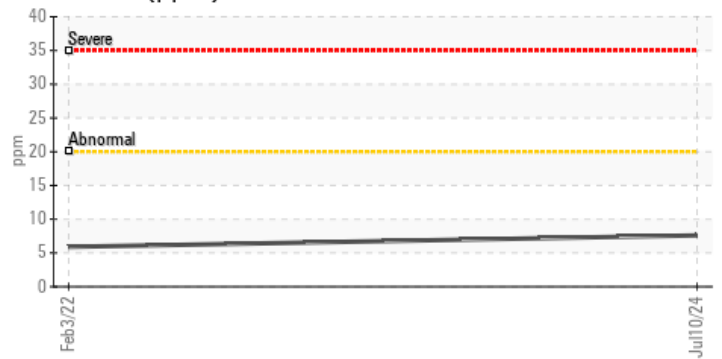
Chromium (ppm)



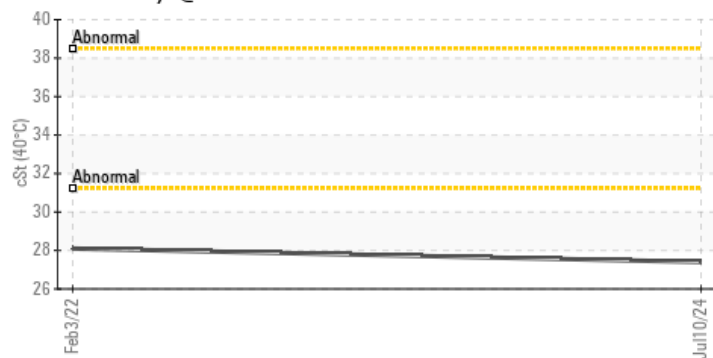
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

