



CONSTRUCTION EQUIPMENT

661614 RYAN GOLF VOLVO A40G 352296 - TRANSMISSION (AUTO)



Sample No: VCP454104
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 661614 RYAN GOLF



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP454104	---	---	---
Sample Date	30 Jan 2024	---	---	---
Machine Hours	1202	---	---	---
Oil Hours	1202	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 27.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 20	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 43	---	---	---
Copper	ppm	█ 22	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	● 20	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 104	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 6	---	---	---
Phosphorus	ppm	█ 204	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 78	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10901629
Signed: Sean Felton
Report Date: 01 Mar 2024



CONSTRUCTION EQUIPMENT

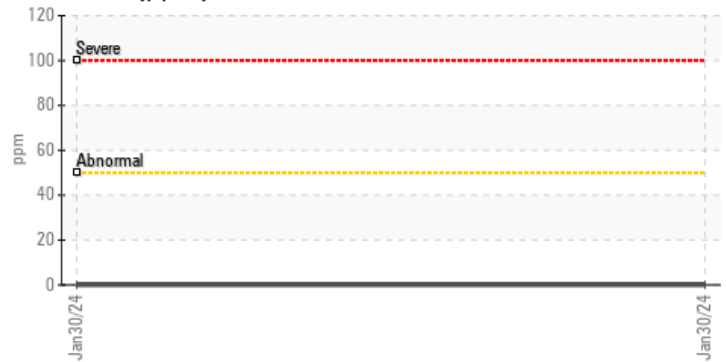


GRAPHS

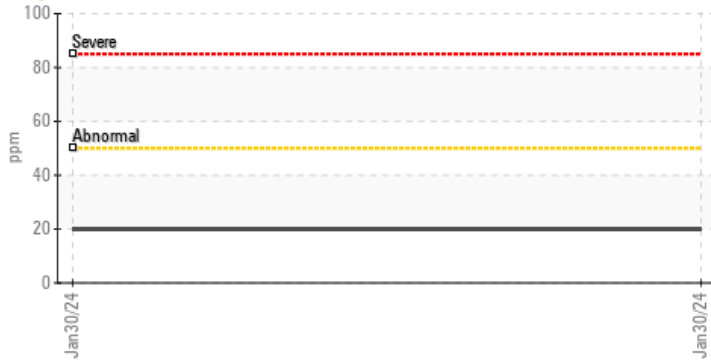
Iron (ppm)



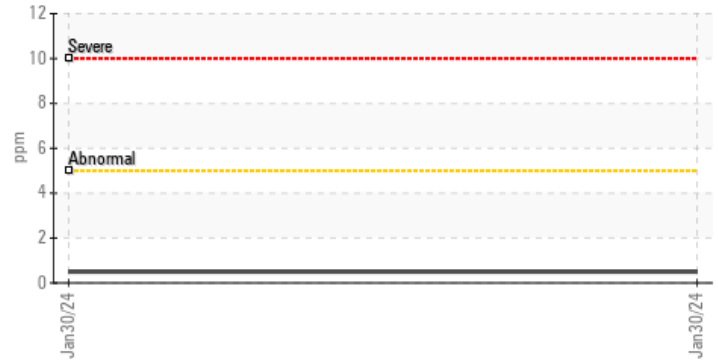
Lead (ppm)



Aluminum (ppm)



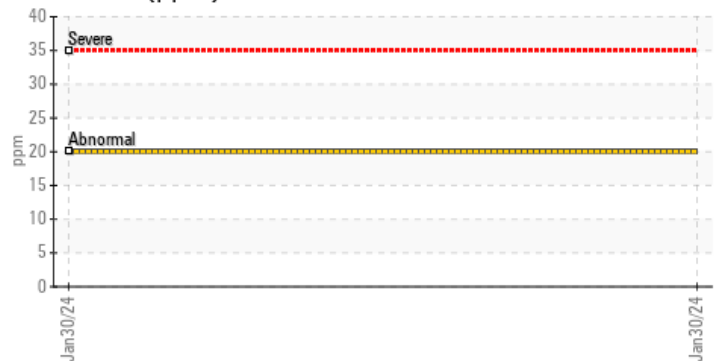
Chromium (ppm)



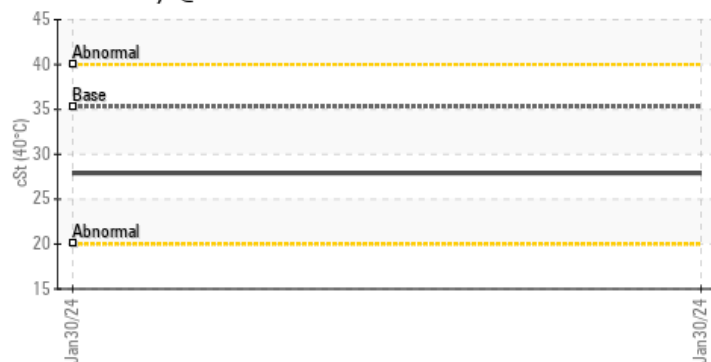
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

