



CONSTRUCTION EQUIPMENT

VOLVO A45G FS 352634 - TRANSMISSION (AUTO)



Sample No: VCP436117
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP436117	VCP371380	---	---
Sample Date	05 Jan 2024	30 Nov 2022	---	---
Machine Hours	2399	1764	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 29.0	█ 27.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	▲ 20	█ 10	---	---
Sodium	ppm	█ 3	█ 4	---	---
Potassium	ppm	█ 7	█ 3	---	---

WEAR METALS

Iron	ppm	█ 27	█ 42	---	---
Copper	ppm	█ 9	█ 19	---	---
Lead	ppm	█ <1	█ 1	---	---
Tin	ppm	█ 2	█ 4	---	---
Aluminum	ppm	▲ 10	█ 16	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 1	█ <1	---	---
Nickel	ppm	█ 2	█ 3	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 2	█ 2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 95	█ 69	---	---
Magnesium	ppm	█ 3	█ 2	---	---
Zinc	ppm	█ 0	█ 0	---	---
Phosphorus	ppm	█ 259	█ 197	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 93	█ 79	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. Oil and filter change at the time of sampling has been noted. 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: VOLVO0090
Unique No: 10820398
Signed: Sean Felton
Report Date: 10 Jan 2024



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VOLVO GRAPHS

