



CONSTRUCTION EQUIPMENT

1427 COFFMAN VOLVO A45G 35362 - TRANSMISSION (AUTO)



Sample No: VCP424017
Oil Type: DEXRON III
Job No: 1427 COFFMAN



SAMPLE INFORMATION

Sample Number	VCP424017	---	---	---
Sample Date	11 Aug 2023	---	---	---
Machine Hours	612	---	---	---
Oil Hours	612	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
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OIL CONDITION

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

Silicon	ppm	▲ 21	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 5	---	---	---

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.



WEAR METALS

Iron	ppm	█ 28	---	---	---
Copper	ppm	█ 14	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	▲ 12	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 95	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 13	---	---	---
Phosphorus	ppm	█ 212	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 84	---	---	---

Depot: VOLVO4486
Unique No: 10605640
Signed: Jonathan Hester
Report Date: 17 Aug 2023



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GRAPHS

