



CONSTRUCTION EQUIPMENT

VOLVO A40G 342187 - TRANSMISSION (AUTO)



Sample No: VCP437906

Oil Type: DEXRON III

Job No:



SAMPLE INFORMATION

Sample Number	VCP437906	---	---	---
Sample Date	11 Mar 2024	---	---	---
Machine Hours	11138	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: PM Services
PMServices@ripaconstruction.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	■ 28.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 24	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 3	---	---	---

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. Moderate concentration of visible dirt/debris present in the fluid. 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	■ 18	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	● 16	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 171	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 46	---	---	---
Phosphorus	ppm	■ 192	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 83	---	---	---

Depot: RIPTAM
Unique No: 10940943
Signed: Don Baldrige
Report Date: 26 Mar 2024



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GRAPHS

