



CONSTRUCTION EQUIPMENT

VOLVO A30G 151104 - TRANSMISSION (AUTO)



Sample No: VCP435623
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCP435623	---	---	---
Sample Date	13 Feb 2024	---	---	---
Machine Hours	2242	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rtturner@ripatampa.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	● 29.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 16	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 4	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of fluid. Confirm oil type.



WEAR METALS

Iron	ppm	■ 52	---	---	---
Copper	ppm	■ 21	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 6	---	---	---
Aluminum	ppm	■ 33	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

Calcium	ppm	■ 71	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 11	---	---	---
Phosphorus	ppm	■ 180	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 64	---	---	---

Depot: RIPTAM
Unique No: 10900854
Signed: Don Baldrige
Report Date: 29 Feb 2024



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GRAPHS

