



CONSTRUCTION EQUIPMENT

SWA578879 VOLVO A30G 752316 - TRANSMISSION



Sample No: VCP454053
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: SWA578879



SAMPLE INFORMATION

Sample Number	VCP454053	VCP379711	---	---
Sample Date	06 Jun 2024	29 Nov 2022	---	---
Machine Hours	3946	2557	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	SEVERE	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	● 28.4	● 29.7	---	---
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CONTAMINATION

Water	%	▲ 2.61	NEG	---	---
Silicon	ppm	■ 7	■ 15	---	---
Sodium	ppm	■ 2	■ 0	---	---
Potassium	ppm	■ 4	■ 0	---	---

WEAR METALS

Iron	ppm	■ 43	■ 37	---	---
Copper	ppm	■ 8	■ 23	---	---
Lead	ppm	■ 4	■ 0	---	---
Tin	ppm	■ 3	■ 2	---	---
Aluminum	ppm	■ 5	■ 21	---	---
Chromium	ppm	■ <1	■ 0	---	---
Molybdenum	ppm	■ 2	■ 0	---	---
Nickel	ppm	■ <1	■ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 4	■ 4	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	■ 62	■ 71	---	---
Magnesium	ppm	■ 6	■ 0	---	---
Zinc	ppm	■ 22	■ 7	---	---
Phosphorus	ppm	■ 109	■ 184	---	---
Barium	ppm	■ 0	■ <1	---	---
Boron	ppm	■ 22	■ 73	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the fluid and perform a filter service on this component if not already done. We recommend an early resample to monitor this condition. All component wear rates are normal. Appearance is milky. There is a moderate amount of visible silt present in the sample. There is a high concentration of water present in the fluid. The fluid viscosity is lower than normal. Confirm oil type. The fluid is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0095
Unique No: 11074445
Signed: Don Baldrige
Report Date: 13 Jun 2024



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GRAPHS

