



CONSTRUCTION EQUIPMENT

SWA590217-20 VOLVO A30G 752316 - DROP BOX



Sample No: VCP447050
Oil Type: {unknown}
Job No: SWA590217-20



SAMPLE INFORMATION

Sample Number	VCP447050	---	---	---
Sample Date	20 Jun 2024	---	---	---
Machine Hours	3960	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

ALTA EQUIPMENT COMPANY

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 DAVIE, FL
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OIL CONDITION

Visc @ 40°C	cSt	■ 58.0	---	---	---
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CONTAMINATION

Water	%	▲ 1.83	---	---	---
Silicon	ppm	▲ 73	---	---	---
Sodium	ppm	■ 12	---	---	---
Potassium	ppm	■ 8	---	---	---



WEAR METALS

Iron	ppm	▲ 512	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	● 24	---	---	---
Chromium	ppm	■ 7	---	---	---
Molybdenum	ppm	106	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	12	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	58	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	381	---	---	---
Phosphorus	ppm	1602	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	91	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. Moderate concentration of visible dirt/debris present in the oil. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0095
Unique No: 11110071
Signed: Don Baldrige
Report Date: 05 Jul 2024



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GRAPHS

