



CONSTRUCTION EQUIPMENT

W07013853 VOLVO A30G 340455 - DROP BOX



Sample No: VCP409435
Oil Type: GEAR OIL SAE 75W90
Job No: W07013853



SAMPLE INFORMATION

Sample Number	VCP409435	VCP336446	---	---
Sample Date	30 Nov 2023	19 Oct 2021	---	---
Machine Hours	4717	0	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	SEVERE	NORMAL	---	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
 KRATLIFFE@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	75.2	52.5	---	---
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CONTAMINATION

Water	%	0.133	NEG	---	---
Silicon	ppm	28	26	---	---
Sodium	ppm	1	7	---	---
Potassium	ppm	0	1	---	---



WEAR METALS

Iron	ppm	3910	110	---	---
Copper	ppm	5	3	---	---
Lead	ppm	0	1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	6	24	---	---
Chromium	ppm	32	2	---	---
Molybdenum	ppm	6	5	---	---
Nickel	ppm	5	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	44	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	94	163	---	---
Magnesium	ppm	<1	37	---	---
Zinc	ppm	36	84	---	---
Phosphorus	ppm	1428	2047	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	117	120	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO8882
Unique No: 10768667
Signed: Don Baldrige
Report Date: 06 Dec 2023



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GRAPHS

