



CONSTRUCTION EQUIPMENT

661714 TUCKER VOLVO A25G 752447 - DROP BOX



Sample No: VCP435801
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 661714 TUCKER



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP435801	VCP381553	---	---
Sample Date	31 Oct 2023	23 Feb 2023	---	---
Machine Hours	2238	1077	---	---
Oil Hours	2238	1000	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ATTENTION	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	▲ 47.0	250	---	---
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CONTAMINATION

Water	%	■ 0.148	NEG	---	---
Silicon	ppm	■ 13	■ 4	---	---
Sodium	ppm	■ 3	■ <1	---	---
Potassium	ppm	■ 3	■ <1	---	---



WEAR METALS

Iron	ppm	■ 80	■ 66	---	---
Copper	ppm	■ 2	■ 7	---	---
Lead	ppm	■ <1	■ 0	---	---
Tin	ppm	■ <1	■ <1	---	---
Aluminum	ppm	■ 3	■ <1	---	---
Chromium	ppm	■ 1	■ 2	---	---
Molybdenum	ppm	■ 4	■ 6	---	---
Nickel	ppm	■ <1	■ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 2	■ 3	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	■ 22	■ 192	---	---
Magnesium	ppm	■ <1	■ 9	---	---
Zinc	ppm	■ 29	■ 89	---	---
Phosphorus	ppm	2165	■ 994	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 75	■ 160	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a trace of moisture present in the oil. The oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO0093
Unique No: 10765288
Signed: Don Baldrige
Report Date: 03 Dec 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

