



CONSTRUCTION EQUIPMENT

X18684 APAC VOLVO A40G 353050 - WET DISC BRAKE



Sample No: VCP443609
Oil Type: VOLVO WB 102
Job No: X18684 APAC



SAMPLE INFORMATION

Sample Number	VCP443609	---	---	---
Sample Date	10 Jun 2024	---	---	---
Machine Hours	3897	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Jackson
3860 I-55 South
JACKSON, MS
US 39212
Contact: DWIGHT MCDUGAL
DMCDUGAL@SCOTTCOMPANIES.COM
T:
F: (601)326-3359



OIL CONDITION

Visc @ 40°C	cSt	█ 42.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 29	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	▲ 119	---	---	---
Copper	ppm	█ 17	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 8	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3839	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 1583	---	---	---
Phosphorus	ppm	█ 1297	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 132	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The iron level is abnormal. All other component wear rates are normal. Elemental level of silicon (Si) above normal. There is a moderate amount of visible silt present in the sample. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8771
Unique No: 11083343
Signed: Angela Borella
Report Date: 18 Jun 2024



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GRAPHS

