



CONSTRUCTION EQUIPMENT

SWA406884 VOLVO A25G 740304 - BOGIE/CENTER AXLE



Sample No: VCP433809
Oil Type: GEAR OIL SAE 80W90
Job No: SWA406884



SAMPLE INFORMATION

Sample Number	VCP433809	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	10000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
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OIL CONDITION

Visc @ 40°C	cSt	█ 118	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 54	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 699	---	---	---
Copper	ppm	▲ 160	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 9	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 372	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 213	---	---	---
Phosphorus	ppm	█ 1527	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 210	---	---	---

Depot: VOLVO2990
Unique No: 10750860
Signed: Jonathan Hester
Report Date: 22 Nov 2023



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GRAPHS

