



CONSTRUCTION EQUIPMENT

VOLVO A40G 352778 - WET DISC BRAKE



Sample No: VCP415812
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP415812	---	---	---
Sample Date	29 Jun 2023	---	---	---
Machine Hours	3734	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 40.7	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 24	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis
 The oil change at the time of sampling has been noted. 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	█ 36	---	---	---
Copper	ppm	▲ 191	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3410	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1453	---	---	---
Phosphorus	ppm	█ 1255	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 103	---	---	---

Depot: VOLVO0090
Unique No: 10547408
Signed: Doug Bogart
Report Date: 07 Jul 2023



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VOLVO GRAPHS

