



CONSTRUCTION EQUIPMENT

VOLVO A40G 352682 - DROP BOX



Sample No: VCP407337

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP407337	---	---	---
Sample Date	27 Sep 2023	---	---	---
Machine Hours	2121	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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 3255 INDUSTRY DRIVE
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OIL CONDITION

Visc @ 40°C	cSt	■ 48.8	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 68	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 6	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All 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	■ 136	---	---	---
Copper	ppm	■ 15	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	11	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	29	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	128	---	---	---
Phosphorus	ppm	2110	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	85	---	---	---

Depot: LANNOR
Unique No: 10697333
Signed: Don Baldrige
Report Date: 18 Oct 2023



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GRAPHS

