



CONSTRUCTION EQUIPMENT

14753 WASTE MGMT VOLVO A35G 352147 - DROP BOX



Sample No: VCP390633
Oil Type: GEAR OIL SAE 80W90
Job No: 14753 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP390633	VCP354385	---	---
Sample Date	22 Apr 2024	28 Jun 2022	---	---
Machine Hours	7774	618	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
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T:
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OIL CONDITION

Visc @ 40°C	cSt	■ 128	■ 50.4	---	---
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CONTAMINATION

Water	%	NEG	▲ 0.477	---	---
Silicon	ppm	▲ 52	▲ 51	---	---
Sodium	ppm	■ 2	■ 22	---	---
Potassium	ppm	■ 1	■ 5	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. Bearing and/or bushing wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 550	▲ 676	---	---
Copper	ppm	▲ 258	▲ 159	---	---
Lead	ppm	■ 0	■ 2	---	---
Tin	ppm	■ <1	■ <1	---	---
Aluminum	ppm	● 8	■ 2	---	---
Chromium	ppm	■ 7	■ 8	---	---
Molybdenum	ppm	■ 15	55	---	---
Nickel	ppm	■ 4	■ 3	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	■ 7	14	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	■ 15	78	---	---
Magnesium	ppm	■ 2	13	---	---
Zinc	ppm	■ 110	446	---	---
Phosphorus	ppm	■ 414	2331	---	---
Barium	ppm	■ 0	5	---	---
Boron	ppm	■ 18	144	---	---

Depot: VOLVO8882
Unique No: 10996157
Signed: Don Baldrige
Report Date: 29 Apr 2024



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GRAPHS

