



CONSTRUCTION EQUIPMENT

VOLVO A45G 353559 - DROP BOX



Sample No: VCP398113

Oil Type: VOLVO

Job No:



SAMPLE INFORMATION

Sample Number	VCP398113	---	---	---
Sample Date	27 Jul 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	311	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

McClung-Logan Virginia LLC
 4112 HOLLAND BLVD
 CHESAPEAKE, VA
 US 23323
 Contact: TOMMY GRIFFIN
 tgriffin@mcclung-logan.com
 T: (757)485-3314
 F: (757)485-3415



OIL CONDITION

Visc @ 40°C	cSt	■ 50.7	---	---	---
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CONTAMINATION

Silicon	ppm	■ 48	---	---	---
Sodium	ppm	■ 12	---	---	---
Potassium	ppm	■ 10	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or gear wear is indicated. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 543	---	---	---
Copper	ppm	▲ 78	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	55	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	91	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	386	---	---	---
Phosphorus	ppm	2303	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	80	---	---	---

Depot: VOLVO0264
Unique No: 10615788
Signed: Don Baldrige
Report Date: 23 Aug 2023



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GRAPHS

