



CONSTRUCTION EQUIPMENT

D12523 HALQUIST VOLVO L110E 61016 - REAR AXLE



Sample No: VCP419003
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: D12523 HALQUIST



SAMPLE INFORMATION

Sample Number	VCP419003	---	---	---
Sample Date	12 Jul 2023	---	---	---
Machine Hours	13308	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
 13001 W SILVERE SPRING DR
 BUTLER, WI
 US 53007
 Contact: GLENN OTTENBACHER
 gottenbacher@aring.com
 T: (262)282-0715
 F: (262)781-5053



OIL CONDITION

Visc @ 40°C	cSt	█ 45.4	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 41	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 7	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1447	---	---	---
Magnesium	ppm	█ 18	---	---	---
Zinc	ppm	█ 824	---	---	---
Phosphorus	ppm	█ 668	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 10	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. High concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0069
Unique No: 10562999
Signed: Don Baldrige
Report Date: 20 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

