



CONSTRUCTION EQUIPMENT

588 VOLVO A45GFS 353608 - BOGIE/CENTER AXLE



Sample No: VCP427195
Oil Type: MOBIL 75W80 GO 102
Job No: 588



SAMPLE INFORMATION

Sample Number	VCP427195	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	1080	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
 12345 MAPLEVIEW STREET
 LAKESIDE, CA
 US 92040
 Contact: Mark Stewart
 mark.stewart@vcesvolvo.com
 T: X
 F: X



OIL CONDITION

Visc @ 40°C	cSt	█ 51.2	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 5	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 243	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	8	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	10	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	143	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	54	---	---	---
Phosphorus	ppm	2458	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	244	---	---	---

Depot: VOLVO4488
Unique No: 10782311
Signed: Don Baldrige
Report Date: 15 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

