



CONSTRUCTION EQUIPMENT

VOLVO A45G 353131 - REAR AXLE



Sample No: VCP386711
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP386711	VCP367589	---	---
Sample Date	28 Sep 2023	29 Dec 2022	---	---
Machine Hours	2371	998	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	250	51.1	---	---
-------------	-----	------------	------	-----	-----



CONTAMINATION

Water	%	---	▲ 0.252	---	---
Silicon	ppm	12	2	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	3	4	---	---



WEAR METALS

Iron	ppm	115	98	---	---
Copper	ppm	<1	2	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	2	1	---	---
Molybdenum	ppm	12	5	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	168	80	---	---
Magnesium	ppm	47	3	---	---
Zinc	ppm	101	27	---	---
Phosphorus	ppm	990	2229	---	---
Barium	ppm	0	0	---	---
Boron	ppm	166	191	---	---

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.

Depot: VOLVO0090
Unique No: 10673221
Signed: Wes Davis
Report Date: 04 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

