



CONSTRUCTION EQUIPMENT

S50100191 REP SVCS VOLVO A30F 72745 - REAR AXLE



Sample No: VCP372845
Oil Type: GEAR OIL SAE 85W90
Job No: S50100191 REP SVCS



SAMPLE INFORMATION

Sample Number	VCP372845	---	---	---
Sample Date	01 Jun 2023	---	---	---
Machine Hours	9785	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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	102	---	---	---
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CONTAMINATION

Silicon	ppm	15	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

We advise that you inspect for the source(s) of wear. Resample at the next service interval to monitor. High concentration of visible metal present. 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	105	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	108	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	52	---	---	---
Phosphorus	ppm	1449	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	293	---	---	---

Depot: VOLVO4488
Unique No: 10522359
Signed: Jonathan Hester
Report Date: 21 Jun 2023



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GRAPHS

