



CONSTRUCTION EQUIPMENT

READ T VOLVO A45GFS 342145 - REAR AXLE



Sample No: VCP436930
Oil Type: GEAR OIL SAE 80W90
Job No: READ T



SAMPLE INFORMATION

Sample Number	VCP436930	---	---	---
Sample Date	12 Apr 2024	---	---	---
Machine Hours	10280	---	---	---
Oil Hours	90	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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	51.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	6	---	---	---
Potassium	ppm	5	---	---	---



WEAR METALS

Iron	ppm	91	---	---	---
Copper	ppm	0	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	78	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	39	---	---	---
Phosphorus	ppm	2487	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	309	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO4488
Unique No: 11018965
Signed: Don Baldrige
Report Date: 10 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

