



CONSTRUCTION EQUIPMENT

VOLVO A45G 353418 - REAR AXLE



Sample No: VCP436865
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP436865	VCP416381	---	---
Sample Date	05 Apr 2024	20 Oct 2023	---	---
Machine Hours	1960	997	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ATTENTION	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	57.3	52.7	---	---
-------------	-----	-------------	------	-----	-----

CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	7	3	---	---
Sodium	ppm	4	1	---	---
Potassium	ppm	4	3	---	---

WEAR METALS

Iron	ppm	202	111	---	---
Copper	ppm	2	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	3	<1	---	---
Molybdenum	ppm	7	3	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	4	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	115	162	---	---
Magnesium	ppm	6	<1	---	---
Zinc	ppm	50	63	---	---
Phosphorus	ppm	2269	2056	---	---
Barium	ppm	0	0	---	---
Boron	ppm	269	296	---	---

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 oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO0090
Unique No: 10966545
Signed: Don Baldrige
Report Date: 10 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

