



CONSTRUCTION EQUIPMENT

VOLVO A40G 752081 - REAR AXLE



Sample No: VCP449928
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP449928	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	1342	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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	● 137	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 13	---	---	---
Potassium	ppm	■ <1	---	---	---

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.



WEAR METALS

Iron	ppm	■ 181	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	▲ 12	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 155	---	---	---
Magnesium	ppm	■ 13	---	---	---
Zinc	ppm	51	---	---	---
Phosphorus	ppm	■ 1226	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 65	---	---	---

Depot: VOLVO0090
Unique No: 11056517
Signed: Don Baldrige
Report Date: 31 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

