



CONSTRUCTION EQUIPMENT

VOLVO A25G 752045 - BOGIE/CENTER AXLE



Sample No: VCP447760
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP447760	VCP387148	VCP321376	---
Sample Date	21 May 2024	15 Sep 2023	25 Aug 2021	---
Machine Hours	4514	3862	1613	---
Oil Hours	0	0	1613	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
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OIL CONDITION

Visc @ 40°C	cSt	207	58.9	60.4	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	7	4	---
Sodium	ppm	3	5	3	---
Potassium	ppm	0	5	3	---

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.



WEAR METALS

Iron	ppm	157	425	243	---
Copper	ppm	15	38	31	---
Lead	ppm	0	0	0	---
Tin	ppm	0	2	1	---
Aluminum	ppm	0	<1	0	---
Chromium	ppm	2	8	5	---
Molybdenum	ppm	4	19	13	---
Nickel	ppm	0	4	2	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	5	26	17	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	109	255	337	---
Magnesium	ppm	20	2	2	---
Zinc	ppm	60	115	136	---
Phosphorus	ppm	1172	1405	1322	---
Barium	ppm	0	0	0	---
Boron	ppm	191	212	189	---

Depot: VOLVO0090
Unique No: 11056518
Signed: Wes Davis
Report Date: 31 May 2024



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GRAPHS

