



CONSTRUCTION EQUIPMENT

VOLVO A25G 740250 - BOGIE/CENTER AXLE



Sample No: VCP440817
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP440817	VCP412165	VCP343862	---
Sample Date	28 Jun 2024	28 Aug 2023	25 Oct 2021	---
Machine Hours	6651	5525	3871	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Chngd	Changed	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

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

Visc @ 40°C	cSt	184	45.2	190	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	20	<1	---
Sodium	ppm	2	2	1	---
Potassium	ppm	1	1	<1	---

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	111	21	69	---
Copper	ppm	45	498	18	---
Lead	ppm	<1	0	<1	---
Tin	ppm	2	0	<1	---
Aluminum	ppm	1	2	<1	---
Chromium	ppm	1	<1	1	---
Molybdenum	ppm	10	<1	3	---
Nickel	ppm	<1	1	1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	2	2	3	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	168	3409	129	---
Magnesium	ppm	45	10	15	---
Zinc	ppm	131	1292	45	---
Phosphorus	ppm	877	1185	1183	---
Barium	ppm	0	2	0	---
Boron	ppm	117	129	194	---

Depot: VOLVO0090
Unique No: 1114029
Signed: Wes Davis
Report Date: 10 Jul 2024



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GRAPHS

