



CONSTRUCTION EQUIPMENT

VOLVO A40G 352909 - BOGIE/CENTER AXLE



Sample No: VCP454374
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP454374	VCP438339	---	---
Sample Date	02 Jul 2024	01 Mar 2024	---	---
Machine Hours	1326	4219	---	---
Oil Hours	0	4219	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	54.1	49.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	19	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	3	5	---	---



WEAR METALS

Iron	ppm	143	589	---	---
Copper	ppm	3	4	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	4	---	---
Chromium	ppm	1	8	---	---
Molybdenum	ppm	2	8	---	---
Nickel	ppm	<1	3	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	20	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	191	50	---	---
Magnesium	ppm	2	4	---	---
Zinc	ppm	80	27	---	---
Phosphorus	ppm	2584	2463	---	---
Barium	ppm	0	0	---	---
Boron	ppm	249	160	---	---

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0090
Unique No: 11114030
Signed: Don Baldrige
Report Date: 10 Jul 2024



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GRAPHS

