



CONSTRUCTION EQUIPMENT

VOLVO A45G 342545 - BOGIE/CENTER AXLE



Sample No: VCP0007594

Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007594	VCP300209	---	---
Sample Date	06 Jul 2023	24 Dec 2020	---	---
Machine Hours	0	3126	---	---
Oil Hours	0	1000	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

QGS - QUALITY GRASSES SERV/TCF LEASING
 17502 CR 672
 LITHIA, FL
 US 33547
 Contact: GARY ROGERS
 grogers@qgsdevelopment.com
 T: (813)323-4119
 F:



OIL CONDITION

Visc @ 40°C	cSt	262	273	---	---
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CONTAMINATION

Silicon	ppm	7	3	---	---
Sodium	ppm	0	<1	---	---
Potassium	ppm	2	8	---	---

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	195	104	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	0	4	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	12	3	---	---
Nickel	ppm	1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	5	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	116	108	---	---
Magnesium	ppm	39	6	---	---
Zinc	ppm	75	48	---	---
Phosphorus	ppm	1083	935	---	---
Barium	ppm	0	0	---	---
Boron	ppm	225	143	---	---

Depot: QUALITFL
Unique No: 10549864
Signed: Sean Felton
Report Date: 11 Jul 2023



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GRAPHS

