



CONSTRUCTION EQUIPMENT

VOLVO A45G 342545 - FRONT AXLE



Sample No: VCP0007599
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007599	VCP319381	VCP294746	---
Sample Date	06 Jul 2023	04 Aug 2021	24 Dec 2020	---
Machine Hours	0	4102	3126	---
Oil Hours	0	1500	1000	---
Oil Changed	N/A	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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



OIL CONDITION

Visc @ 40°C	cSt	289	277	272	---
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CONTAMINATION

Silicon	ppm	4	<1	2	---
Sodium	ppm	0	0	<1	---
Potassium	ppm	1	0	9	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	117	79	87	---
Copper	ppm	1	1	<1	---
Lead	ppm	0	0	1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	2	1	2	---
Molybdenum	ppm	4	2	3	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	3	2	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	163	119	102	---
Magnesium	ppm	38	7	6	---
Zinc	ppm	88	57	48	---
Phosphorus	ppm	1013	956	944	---
Barium	ppm	0	0	0	---
Boron	ppm	201	155	141	---

Depot: QUALITFL
Unique No: 10549867
Signed: Sean Felton
Report Date: 11 Jul 2023



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GRAPHS

