



CONSTRUCTION EQUIPMENT

VOLVO A45G 342523 - FRONT AXLE



Sample No: VCP0007983
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007983	VCP301397	VCP267363	---
Sample Date	06 Jul 2023	22 Dec 2020	21 Mar 2020	---
Machine Hours	0	3197	2102	---
Oil Hours	0	1000	2102	---
Oil Changed	N/A	Not Changd	Changed	---
Sample Status	ATTENTION	NORMAL	ATTENTION	---

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	180	272	51.9	---
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CONTAMINATION

Silicon	ppm	15	2	4	---
Sodium	ppm	0	1	5	---
Potassium	ppm	2	0	0	---

WEAR METALS

Iron	ppm	7	46	273	---
Copper	ppm	<1	<1	2	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	0	<1	4	---
Molybdenum	ppm	3	<1	5	---
Nickel	ppm	<1	0	2	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	1	10	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	3486	180	98	---
Magnesium	ppm	22	3	<1	---
Zinc	ppm	1235	75	44	---
Phosphorus	ppm	1042	986	2180	---
Barium	ppm	0	0	0	---
Boron	ppm	28	182	215	---

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: QUALITFL
Unique No: 10549870
Signed: Sean Felton
Report Date: 11 Jul 2023



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GRAPHS

