



CONSTRUCTION EQUIPMENT

VOLVO A45G 342538 - BOGIE/CENTER AXLE



Sample No: VCP0007974
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007974	VCP360248	VCP319341	VCP276351
Sample Date	06 Jul 2023	12 Apr 2022	03 Aug 2021	27 Apr 2020
Machine Hours	0	5233	4214	2052
Oil Hours	0	1000	1500	2052
Oil Changed	N/A	Not Chngd	Changed	Changed
Sample Status	ATTENTION	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	173	291	275	282
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CONTAMINATION

Silicon	ppm	14	15	2	3
Sodium	ppm	0	<1	0	1
Potassium	ppm	2	0	0	0



WEAR METALS

Iron	ppm	12	36	54	47
Copper	ppm	<1	<1	4	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	4	0	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	3	3	<1	2
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	<1	0	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	<1	<1	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	▲ 3272	137	208	108
Magnesium	ppm	21	41	4	5
Zinc	ppm	▲ 1145	74	89	45
Phosphorus	ppm	992	962	902	926
Barium	ppm	0	0	0	0
Boron	ppm	36	183	144	152

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: 10549879
Signed: Sean Felton
Report Date: 11 Jul 2023



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GRAPHS

