



CONSTRUCTION EQUIPMENT

634065 VOLVO A45G 352411 - FRONT AXLE



Sample No: VCP431473
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 634065



SAMPLE INFORMATION

Sample Number	VCP431473	VCP427067	VCP377162	VCP317696
Sample Date	22 Nov 2023	19 Jun 2023	30 Apr 2022	17 Jul 2021
Machine Hours	6275	5591	3478	2213
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ORANGE COUNTY SOLID WASTE
 5901 YOUNG PINE ROAD
 ORLANDO, FL
 US 32829
 Contact: MICHAEL BEEBE
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OIL CONDITION

Visc @ 40°C	cSt	282	278	282	284
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	2	2	2
Sodium	ppm	<1	1	1	<1
Potassium	ppm	1	2	2	2

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	173	135	87	78
Copper	ppm	2	3	2	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	0
Chromium	ppm	2	2	1	1
Molybdenum	ppm	2	2	2	2
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	<1	5
Manganese	ppm	4	7	5	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	75	103	63	39
Magnesium	ppm	14	7	7	8
Zinc	ppm	49	63	47	32
Phosphorus	ppm	1122	1001	1029	966
Barium	ppm	0	0	0	0
Boron	ppm	179	88	166	243

Depot: ORAORL
Unique No: 10765310
Signed: Wes Davis
Report Date: 30 Nov 2023



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GRAPHS

