



CONSTRUCTION EQUIPMENT

634065 VOLVO A45G 352411 - BOGIE/CENTER AXLE



Sample No: VCP440279
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 634065



SAMPLE INFORMATION

Sample Number	VCP440279	VCP427064	VCP377495	VCP317688
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	303	275	277	280
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	2	2
Sodium	ppm	1	<1	1	<1
Potassium	ppm	2	<1	1	<1

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	69	154	134	122
Copper	ppm	1	4	2	<1
Lead	ppm	0	0	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	0	<1	0
Chromium	ppm	1	2	2	2
Molybdenum	ppm	2	2	2	2
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	1	9	8	7
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	65	109	68	46
Magnesium	ppm	9	7	8	7
Zinc	ppm	36	77	50	33
Phosphorus	ppm	1019	982	1090	1035
Barium	ppm	0	0	0	0
Boron	ppm	181	98	81	213

Depot: ORAORL
Unique No: 10765289
Signed: Wes Davis
Report Date: 30 Nov 2023



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VOLVO GRAPHS

