



CONSTRUCTION EQUIPMENT

8769 VOLVO A40G 341642 - FRONT AXLE



Sample No: VCP454004
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 8769



SAMPLE INFORMATION

Sample Number	VCP454004	VCP405168	VCP370504	VCP320210
Sample Date	14 Feb 2024	12 Apr 2023	29 Dec 2022	12 Feb 2022
Machine Hours	11980	10853	10399	8928
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	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	277	277	281	304
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	4	4	2
Sodium	ppm	0	<1	0	0
Potassium	ppm	1	2	1	0

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	268	252	139	37
Copper	ppm	2	<1	1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	0	<1	<1
Chromium	ppm	3	3	2	<1
Molybdenum	ppm	3	3	2	1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	92	89	93	52
Magnesium	ppm	10	16	11	9
Zinc	ppm	75	60	63	31
Phosphorus	ppm	817	921	949	972
Barium	ppm	<1	0	1	0
Boron	ppm	141	161	117	144

Depot: ORAORL
Unique No: 10888729
Signed: Wes Davis
Report Date: 22 Feb 2024



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VOLVO GRAPHS

