



CONSTRUCTION EQUIPMENT

539556 VOLVO A40G 341642 - REAR AXLE



Sample No: VCP405173
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 539556



SAMPLE INFORMATION

Sample Number	VCP405173	VCP370513	VCP336800	VCP298762
Sample Date	12 Apr 2023	29 Dec 2022	12 Feb 2022	13 Mar 2021
Machine Hours	10853	10399	8928	7971
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
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	322	325	318	296
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	2	3
Sodium	ppm	<1	0	0	<1
Potassium	ppm	2	<1	0	<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	47	36	19	35
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	1	1	<1	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	57	53	73	53
Magnesium	ppm	15	9	8	8
Zinc	ppm	38	40	43	39
Phosphorus	ppm	1013	996	947	998
Barium	ppm	0	1	0	0
Boron	ppm	100	89	145	148

Depot: ORAORL
Unique No: 10429974
Signed: Wes Davis
Report Date: 18 Apr 2023



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VOLVO GRAPHS

