



CONSTRUCTION EQUIPMENT

125204 VOLVO A40G 342574 - REAR AXLE



Sample No: VCP370140
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 125204



SAMPLE INFORMATION

Sample Number	VCP370140	VCP326585	VCP305214	VCP279498
Sample Date	11 Dec 2022	24 Sep 2021	25 Feb 2021	13 Oct 2020
Machine Hours	5696	4288	3528	2953
Oil Hours	0	0	500	1000
Oil Changed	N/A	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT

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 SYRACUSE, NY
 US 13206
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OIL CONDITION

Visc @ 40°C	cSt	138	144	144	155
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	2	2	3
Sodium	ppm	0	<1	0	0
Potassium	ppm	0	13	<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	92	26	25	34
Copper	ppm	<1	<1	<1	4
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	0	0
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	2	0
Manganese	ppm	1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	10	4	6	29
Magnesium	ppm	<1	0	<1	2
Zinc	ppm	5	2	0	14
Phosphorus	ppm	1034	931	1003	991
Barium	ppm	0	0	0	0
Boron	ppm	218	231	194	213

Depot: VOLV00142
Unique No: 10255083
Signed: Wes Davis
Report Date: 13 Dec 2022



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

