



CONSTRUCTION EQUIPMENT

12585 VOLVO A30D 12129 - REAR AXLE



Sample No: VCP454450
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 12585



SAMPLE INFORMATION

Sample Number	VCP454450	VCP434150	VCP383630	VCP334659
Sample Date	02 May 2024	26 Oct 2023	25 Oct 2022	11 Dec 2021
Machine Hours	11840	11535	11022	10470
Oil Hours	0	500	0	2000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

DYER QUARRY
P.O. BOX 188, 1275 ROCK HOLLOW ROAD
BIRDSBORO, PA
US 19508
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OIL CONDITION

Visc @ 40°C	cSt	295	293	295	244
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	7	6	9
Sodium	ppm	1	<1	<1	2
Potassium	ppm	<1	0	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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	60	41	30	54
Copper	ppm	3	2	2	13
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	2
Aluminum	ppm	<1	0	<1	2
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	2	1	2	8
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	83	102	81	163
Magnesium	ppm	11	14	11	30
Zinc	ppm	49	66	45	114
Phosphorus	ppm	1009	1022	954	914
Barium	ppm	0	0	0	0
Boron	ppm	224	191	186	161

Depot: DYEBIR
Unique No: 11030527
Signed: Don Baldrige
Report Date: 16 May 2024



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VOLVO GRAPHS

