



CONSTRUCTION EQUIPMENT

12585 VOLVO A30D 12129 - FRONT AXLE



Sample No: VCP452779
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 12585



SAMPLE INFORMATION

Sample Number	VCP452779	VCP434232	VCP383622	VCP341015
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	NORMAL

DYER QUARRY
P.O. BOX 188, 1275 ROCK HOLLOW ROAD
BIRDSBORO, PA
US 19508
Contact: MATT MCCLELLAND
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T:
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OIL CONDITION

Visc @ 40°C	cSt	294	293	293	255
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	5	4	4
Sodium	ppm	1	<1	<1	3
Potassium	ppm	0	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	69	56	33	48
Copper	ppm	4	2	2	6
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	1
Aluminum	ppm	<1	0	<1	1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	2	<1	2	9
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	88	95	101	153
Magnesium	ppm	12	13	11	32
Zinc	ppm	52	55	50	105
Phosphorus	ppm	1007	1009	938	870
Barium	ppm	0	0	0	0
Boron	ppm	219	191	181	161

Depot: DYEBIR
Unique No: 11030525
Signed: Don Baldrige
Report Date: 16 May 2024



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GRAPHS

