



CONSTRUCTION EQUIPMENT

A11511 VOLVO A30D 74083 - BOGIE/CENTER AXLE



Sample No: VCP430917
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A11511



SAMPLE INFORMATION

Sample Number	VCP430917	VCP427161	VCP377095	VCP294658
Sample Date	20 Nov 2023	27 Jun 2023	06 May 2022	10 May 2021
Machine Hours	13990	13545	12906	12290
Oil Hours	1000	500	0	2000
Oil Changed	Changed	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
Contact: MATT MCCLELLAND
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OIL CONDITION

Visc @ 40°C	cSt	211	213	213	300
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	10	8	53
Sodium	ppm	2	<1	0	5
Potassium	ppm	<1	1	1	5

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	69	67	57	164
Copper	ppm	13	11	7	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	2	3	2	16
Chromium	ppm	<1	<1	<1	5
Molybdenum	ppm	<1	<1	1	<1
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	<1	<1	<1	1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	1	<1	4
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	90	27	28	7
Magnesium	ppm	3	8	6	4
Zinc	ppm	33	12	12	3
Phosphorus	ppm	951	976	1050	302
Barium	ppm	0	0	0	0
Boron	ppm	180	211	215	10

Depot: DYEBIR
Unique No: 10765306
Signed: Don Baldrige
Report Date: 03 Dec 2023



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GRAPHS

