



CONSTRUCTION EQUIPMENT

A10574 VOLVO A30D 74083 - FRONT AXLE



Sample No: VCP425733
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10574



SAMPLE INFORMATION

Sample Number	VCP425733	VCP377094	VCP314013	VCP254486
Sample Date	27 Jun 2023	06 May 2022	10 May 2021	07 May 2020
Machine Hours	13545	12906	12290	11780
Oil Hours	500	0	2000	1000
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	ABNORMAL	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	169	169	287	285
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CONTAMINATION

Silicon	ppm	5	5	1	2
Sodium	ppm	<1	0	<1	2
Potassium	ppm	1	<1	<1	2

WEAR METALS

Iron	ppm	48	38	36	33
Copper	ppm	3	2	3	2
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	1	1	0	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	1	1	5	4
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	2	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	27	26	93	95
Magnesium	ppm	5	7	23	18
Zinc	ppm	13	14	57	62
Phosphorus	ppm	1031	1059	935	860
Barium	ppm	0	0	<1	0
Boron	ppm	225	220	170	149

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.

Depot: DYEBIR
Unique No: 10548311
Signed: Don Baldrige
Report Date: 10 Jul 2023



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GRAPHS

