



CONSTRUCTION EQUIPMENT

A10575 VOLVO A30D 74082 - REAR AXLE



Sample No: VCP426951
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10575



SAMPLE INFORMATION

Sample Number	VCP426951	VCP307582	VCP264818	VCP240756
Sample Date	27 Jun 2023	08 Jun 2021	17 Mar 2020	09 Sep 2019
Machine Hours	11975	10780	10120	9830
Oil Hours	500	1000	500	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
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OIL CONDITION

Visc @ 40°C	cSt	310	310	309	329
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CONTAMINATION

Silicon	ppm	7	<1	4	7
Sodium	ppm	1	<1	1	3
Potassium	ppm	2	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	39	8	13	23
Copper	ppm	4	<1	<1	3
Lead	ppm	0	0	2	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	<1	<1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	1	<1	2	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	2	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	62	41	52	48
Magnesium	ppm	8	5	8	6
Zinc	ppm	20	13	20	24
Phosphorus	ppm	1007	620	824	858
Barium	ppm	0	0	<1	0
Boron	ppm	216	129	136	146

Depot: DYEBIR
Unique No: 10548315
Signed: Don Baldrige
Report Date: 10 Jul 2023



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GRAPHS

