



CONSTRUCTION EQUIPMENT

A12586 VOLVO A30D 74082 - REAR AXLE



Sample No: VCP437387
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A12586



SAMPLE INFORMATION

Sample Number	VCP437387	VCP426951	VCP307582	VCP264818
Sample Date	06 May 2024	27 Jun 2023	08 Jun 2021	17 Mar 2020
Machine Hours	12470	11975	10780	10120
Oil Hours	1500	500	1000	500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
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	309	310	310	309
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	7	<1	4
Sodium	ppm	0	1	<1	1
Potassium	ppm	2	2	0	0

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	56	39	8	13
Copper	ppm	6	4	<1	<1
Lead	ppm	<1	0	0	2
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	2	<1	<1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	2	1	<1	2
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	<1	0	2	0
Manganese	ppm	1	<1	0	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	67	62	41	52
Magnesium	ppm	9	8	5	8
Zinc	ppm	28	20	13	20
Phosphorus	ppm	1033	1007	620	824
Barium	ppm	0	0	0	<1
Boron	ppm	183	216	129	136

Depot: DYEBIR
Unique No: 11033062
Signed: Sean Felton
Report Date: 20 May 2024



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VOLVO GRAPHS

