



CONSTRUCTION EQUIPMENT

A12633 VOLVO A40G 352005 - REAR AXLE



Sample No: VCP439383
Oil Type: MOBIL GO 102
Job No: A12633



SAMPLE INFORMATION

Sample Number	VCP439383	VCP412036	VCP390864	VCB0000045
Sample Date	06 May 2024	29 Aug 2023	28 Nov 2022	23 Feb 2022
Machine Hours	3670	3205	2725	2080
Oil Hours	2500	2205	0	1000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Oil Added
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:
F: (610)582-2304

OIL CONDITION

Visc @ 40°C	cSt	50.7	50.8	50.6	50.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	2	3	2
Sodium	ppm	2	3	4	3
Potassium	ppm	2	2	<1	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. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	94	58	66	91
Copper	ppm	2	<1	1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	2	<1	<1	<1
Chromium	ppm	2	<1	1	2
Molybdenum	ppm	2	<1	1	2
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	3	2	2	3
Vanadium	ppm	<1	0	0	0

ADDITIVES

Calcium	ppm	15	13	60	13
Magnesium	ppm	<1	0	2	0
Zinc	ppm	10	0	22	2
Phosphorus	ppm	2660	2419	2714	2572
Barium	ppm	0	0	0	0
Boron	ppm	286	304	306	292

Depot: DYEBIR
Unique No: 11033064
Signed: Wes Davis
Report Date: 17 May 2024



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VOLVO GRAPHS

