



CONSTRUCTION EQUIPMENT

A10956 VOLVO A40G 352005 - BOGIE/CENTER AXLE



Sample No: VCP409802
Oil Type: MOBIL GO 102
Job No: A10956



SAMPLE INFORMATION

Sample Number	VCP409802	VCP365770	VCB0000044	VCB0000037
Sample Date	29 Aug 2023	28 Nov 2022	23 Feb 2022	01 Apr 2021
Machine Hours	3205	2725	2080	1495
Oil Hours	2205	0	1000	495
Oil Changed	Not Changd	Not Changd	Oil Added	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

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	49.9	49.6	50.1	50.7
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CONTAMINATION

Water	%	0.158	---	---	---
Silicon	ppm	3	5	4	4
Sodium	ppm	3	3	3	4
Potassium	ppm	2	1	1	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	76	80	144	102
Copper	ppm	1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	<1	1	1
Chromium	ppm	<1	1	2	2
Molybdenum	ppm	<1	1	2	1
Nickel	ppm	0	<1	1	1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	2	3	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	53	25	15	15
Magnesium	ppm	0	2	<1	2
Zinc	ppm	22	12	5	7
Phosphorus	ppm	2380	2528	2511	2486
Barium	ppm	0	0	0	0
Boron	ppm	278	269	279	287

Depot: DYEBIR
Unique No: 10648994
Signed: Wes Davis
Report Date: 18 Sep 2023



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VOLVO GRAPHS

