



CONSTRUCTION EQUIPMENT

A10956 VOLVO A40G 352005 - FRONT AXLE



Sample No: VCP294652
Oil Type: MOBIL GO 102
Job No: A10956



SAMPLE INFORMATION

Sample Number	VCP294652	VCP390863	VCP0000042	VCB0000035
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 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	50.2	49.9	50.2	50.7
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CONTAMINATION

Silicon	ppm	2	3	3	<1
Sodium	ppm	3	3	3	4
Potassium	ppm	2	1	1	5



WEAR METALS

Iron	ppm	72	69	90	64
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	1	0
Chromium	ppm	<1	1	2	1
Molybdenum	ppm	1	2	2	2
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	2	2	3	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	13	22	58	10
Magnesium	ppm	0	2	<1	<1
Zinc	ppm	0	11	19	6
Phosphorus	ppm	2366	2582	2564	2523
Barium	ppm	0	0	0	0
Boron	ppm	279	277	279	283

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: 10648979
Signed: Wes Davis
Report Date: 18 Sep 2023



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VOLVO GRAPHS

