



CONSTRUCTION EQUIPMENT

A10956 VOLVO A40G 352005 - DROP BOX



Sample No: VCP408977
Oil Type: MOBIL GO 102
Job No: A10956



SAMPLE INFORMATION

Sample Number	VCP408977	VCP367401	VCB0000043	VCB0000036
Sample Date	29 Aug 2023	28 Nov 2022	23 Feb 2022	01 Apr 2021
Machine Hours	3205	2725	2080	1495
Oil Hours	3205	0	1000	495
Oil Changed	Not Chngd	Not Chngd	Oil Added	Not Chngd
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	45.6	45.7	46.0	46.7
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CONTAMINATION

Silicon	ppm	41	41	37	35
Sodium	ppm	9	8	4	5
Potassium	ppm	2	<1	1	0



WEAR METALS

Iron	ppm	107	90	78	58
Copper	ppm	10	11	9	8
Lead	ppm	0	<1	<1	1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	10	16	14	10
Chromium	ppm	1	1	1	1
Molybdenum	ppm	7	9	9	10
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	3	3	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	43	44	79	44
Magnesium	ppm	0	3	<1	<1
Zinc	ppm	82	84	81	57
Phosphorus	ppm	2197	2390	2334	2372
Barium	ppm	0	0	0	0
Boron	ppm	83	123	131	169

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: 10648986
Signed: Wes Davis
Report Date: 18 Sep 2023



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GRAPHS

