



CONSTRUCTION EQUIPMENT

A10573 VOLVO A35D 72130 - DROP BOX



Sample No: VCP425972
Oil Type: MOBIL GO 102
Job No: A10573



SAMPLE INFORMATION

Sample Number	VCP425972	VCP372053	VCP334647	VCP308426
Sample Date	27 Jun 2023	10 Jun 2022	27 Sep 2021	05 May 2021
Machine Hours	12050	10833	10190	9575
Oil Hours	500	0	500	2000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	ATTENTION	ATTENTION	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	▲ 61.7	▲ 61.8	■ 198	216
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CONTAMINATION

Silicon	ppm	■ 7	■ 3	■ 8	■ 11
Sodium	ppm	■ 3	■ 2	■ 0	■ 3
Potassium	ppm	■ 1	■ 0	■ <1	■ <1



WEAR METALS

Iron	ppm	■ 57	■ 29	■ 57	■ 52
Copper	ppm	■ 4	■ 1	■ <1	■ 3
Lead	ppm	■ 5	■ 2	■ <1	■ <1
Tin	ppm	■ 0	■ <1	■ 0	■ <1
Aluminum	ppm	■ <1	■ <1	■ <1	■ 3
Chromium	ppm	■ <1	■ <1	■ <1	■ <1
Molybdenum	ppm	1	■ 1	■ 3	■ 3
Nickel	ppm	■ <1	■ 0	■ <1	■ <1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	1	■ <1	■ <1	■ <1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	▲ 45	▲ 66	■ 91	■ 62
Magnesium	ppm	2	■ 0	■ 5	■ 17
Zinc	ppm	▲ 40	▲ 50	■ 78	■ 37
Phosphorus	ppm	▲ 2121	▲ 2015	■ 1324	■ 946
Barium	ppm	0	■ 0	■ 0	■ 0
Boron	ppm	153	■ 278	■ 172	■ 177

Diagnosis
No corrective action is recommended at this time. 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 oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: DYEBIR
Unique No: 10548314
Signed: Don Baldrige
Report Date: 10 Jul 2023



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VOLVO GRAPHS

