



CONSTRUCTION EQUIPMENT

A11326 VOLVO A30C 60035 - FRONT AXLE



Sample No: VCP412818
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A11326



SAMPLE INFORMATION

Sample Number	VCP412818	VCP365775	VCP253500	VCP229192
Sample Date	20 Oct 2023	21 Nov 2022	06 Apr 2020	29 Mar 2018
Machine Hours	21415	20899	19940	18910
Oil Hours	500	0	500	1500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	ATTENTION	ABNORMAL	NORMAL	NORMAL

DYER QUARRY
P.O. BOX 188, 1275 ROCK HOLLOW ROAD
BIRDSBORO, PA
US 19508
Contact: MATT MCCLELLAND
matt.mcclelland@dyerquarry.com
T:
F: (610)582-2304



OIL CONDITION

Visc @ 40°C	cSt	▲ 268	■ 269	■ 288	■ 313.1
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CONTAMINATION

Silicon	ppm	■ 12	■ 12	■ 3	■ 7
Sodium	ppm	■ 2	■ 0	■ 2	■ 4
Potassium	ppm	■ <1	■ 0	■ <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 oil viscosity is higher than normal. Confirm oil type.



WEAR METALS

Iron	ppm	■ 17	■ 16	■ 6	■ 10
Copper	ppm	■ 10	■ 11	■ 4	■ 6
Lead	ppm	■ 0	■ 0	■ 0	■ 0
Tin	ppm	■ <1	■ 0	■ 0	■ 0
Aluminum	ppm	■ 1	■ 2	■ <1	■ <1
Chromium	ppm	■ 0	■ 0	■ 0	■ <1
Molybdenum	ppm	■ 2	■ 3	■ 3	■ <1
Nickel	ppm	■ 0	■ 0	■ <1	■ 0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	■ <1	■ <1	■ 0	■ <1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	■ 153	■ 163	■ 143	■ 228
Magnesium	ppm	■ 19	■ 15	■ 18	■ 5
Zinc	ppm	■ 77	■ 82	■ 72	■ 106
Phosphorus	ppm	■ 1004	■ 948	■ 770	■ 786
Barium	ppm	■ 0	■ 0	■ 0	■ 0
Boron	ppm	■ 163	■ 202	■ 123	■ 114

Depot: DYEBIR
Unique No: 10712201
Signed: Don Baldrige
Report Date: 27 Oct 2023



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GRAPHS

