



CONSTRUCTION EQUIPMENT

VOLVO A40G 340668 - FRONT AXLE



Sample No: VCP450868
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP450868	VCP416755	VCP419809	---
Sample Date	09 Jul 2024	08 Feb 2024	01 Aug 2023	---
Machine Hours	17948	17181	16113	---
Oil Hours	767	1068	1081	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	132	135	138	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	1	2	---
Sodium	ppm	0	<1	0	---
Potassium	ppm	1	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 condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	7	11	11	---
Copper	ppm	<1	<1	0	---
Lead	ppm	0	1	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	4	<1	0	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	3	1	2	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	<1	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	<1	0	0	---

ADDITIVES

Calcium	ppm	198	274	171	---
Magnesium	ppm	15	9	17	---
Zinc	ppm	90	115	78	---
Phosphorus	ppm	1056	886	1309	---
Barium	ppm	0	0	0	---
Boron	ppm	204	149	275	---

Depot: SCHGRE
Unique No: 11129478
Signed: Wes Davis
Report Date: 19 Jul 2024



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VOLVO GRAPHS

