



CONSTRUCTION EQUIPMENT

VOLVO A40G 342010 - FRONT AXLE



Sample No: VCP447428
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP447428	VCP406130	VCP362763	---
Sample Date	09 Jul 2024	01 Aug 2023	10 May 2023	---
Machine Hours	10091	8039	7457	---
Oil Hours	451	582	1226	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
 sarmstrong@schildberg.com
 T: (641)743-8237
 F: (641)743-2486



OIL CONDITION

Visc @ 40°C	cSt	131	138	131	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	7	2	3	---
Sodium	ppm	0	0	0	---
Potassium	ppm	8	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	310	19	66	---
Copper	ppm	2	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	4	0	0	---
Chromium	ppm	5	<1	1	---
Molybdenum	ppm	9	2	2	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	15	<1	3	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	173	188	124	---
Magnesium	ppm	18	17	10	---
Zinc	ppm	88	81	64	---
Phosphorus	ppm	1042	1019	1048	---
Barium	ppm	0	0	0	---
Boron	ppm	207	219	195	---

Depot: SCHGRE
Unique No: 11129486
Signed: Wes Davis
Report Date: 19 Jul 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

