



CONSTRUCTION EQUIPMENT

VOLVO A40G 352198 - FRONT AXLE



Sample No: VCP405996
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP405996	---	---	---
Sample Date	19 Jun 2023	---	---	---
Machine Hours	3898	---	---	---
Oil Hours	239	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
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 T: (641)743-8237
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OIL CONDITION

Visc @ 40°C	cSt	▲ 50.2	---	---	---
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CONTAMINATION

Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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. Confirm oil type.

WEAR METALS

Iron	ppm	■ 76	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 43	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 14	---	---	---
Phosphorus	ppm	■ 2491	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 295	---	---	---

Depot: SCHGRE
Unique No: 10546400
Signed: Don Baldrige
Report Date: 07 Jul 2023



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GRAPHS

