



CONSTRUCTION EQUIPMENT

2928 VOLVO A40G 353407 - BOGIE/CENTER AXLE



Sample No: VCP378569
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: 2928



SAMPLE INFORMATION

Sample Number	VCP378569	VCP312576	---	---
Sample Date	14 Dec 2023	03 Oct 2023	---	---
Machine Hours	997	504	---	---
Oil Hours	600	504	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ATTENTION	ABNORMAL	---	---

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
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 US 50849
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OIL CONDITION

Visc @ 40°C	cSt	▲ 51.8	▲ 52.2	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 2	■ 2	---	---
Sodium	ppm	■ <1	■ 0	---	---
Potassium	ppm	■ 5	■ 6	---	---

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 lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	■ 101	■ 100	---	---
Copper	ppm	■ <1	■ 2	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 0	■ 0	---	---
Aluminum	ppm	■ 0	■ 1	---	---
Chromium	ppm	■ <1	■ 1	---	---
Molybdenum	ppm	■ 0	■ 2	---	---
Nickel	ppm	■ 0	■ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 5	■ 4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	■ 14	■ 46	---	---
Magnesium	ppm	■ 0	■ 1	---	---
Zinc	ppm	■ 7	■ 8	---	---
Phosphorus	ppm	■ 2198	■ 2254	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 246	■ 284	---	---

Depot: SCHGRE
Unique No: 10807039
Signed: Don Baldrige
Report Date: 28 Dec 2023



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VOLVO GRAPHS

