



CONSTRUCTION EQUIPMENT

VOLVO A40G 353407 - DROP BOX



Sample No: VCP416820
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
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SAMPLE INFORMATION

Sample Number	VCP416820	---	---	---
Sample Date	13 Feb 2024	---	---	---
Machine Hours	1268	---	---	---
Oil Hours	871	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	▲ 52.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 47	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 4	---	---	---



WEAR METALS

Iron	ppm	■ 65	---	---	---
Copper	ppm	■ 7	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 10	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	▲ 50	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 72	---	---	---
Phosphorus	ppm	▲ 1933	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 139	---	---	---

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. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: SCHGRE
Unique No: 10898637
Signed: Jonathan Hester
Report Date: 28 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

