



CONSTRUCTION EQUIPMENT

VOLVO A40E 13778 - DROP BOX



Sample No: VCP426060
Oil Type: MOBIL MOBILUBE HD 85W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP426060	VCP395666	---	---
Sample Date	10 Nov 2023	13 Dec 2022	---	---
Machine Hours	10142	9894	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---

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 US 20110
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OIL CONDITION

Visc @ 40°C	cSt	▲ 56.6	■ 107	---	---
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CONTAMINATION

Silicon	ppm	■ 1	■ 5	---	---
Sodium	ppm	■ 1	■ <1	---	---
Potassium	ppm	■ 0	■ 0	---	---

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	■ 13	■ 57	---	---
Copper	ppm	■ <1	■ 0	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ <1	■ 0	---	---
Aluminum	ppm	■ <1	■ 0	---	---
Chromium	ppm	■ 0	■ 0	---	---
Molybdenum	ppm	■ 0	<1	---	---
Nickel	ppm	■ <1	■ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ <1	0	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	■ 6	14	---	---
Magnesium	ppm	■ 3	<1	---	---
Zinc	ppm	■ 2	18	---	---
Phosphorus	ppm	■ 2219	1033	---	---
Barium	ppm	■ 0	0	---	---
Boron	ppm	■ 258	72	---	---

Depot: VOLVO0002
Unique No: 10749052
Signed: Doug Bogart
Report Date: 19 Nov 2023



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GRAPHS

