



CONSTRUCTION EQUIPMENT

41850 VOLVO A40G 352912 - DROP BOX



Sample No: VCP453841
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 41850



SAMPLE INFORMATION

Sample Number	VCP453841	---	---	---
Sample Date	22 May 2024	---	---	---
Machine Hours	4094	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

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 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
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OIL CONDITION

Visc @ 40°C	cSt	▲ 48.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 31	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	▲ 5493	---	---	---
Copper	ppm	▲ 356	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	▲ 55	---	---	---
Molybdenum	ppm	■ 48	---	---	---
Nickel	ppm	▲ 47	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 47	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 127	---	---	---
Magnesium	ppm	■ 11	---	---	---
Zinc	ppm	■ 254	---	---	---
Phosphorus	ppm	■ 2102	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 89	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO0013
Unique No: 11056479
Signed: Angela Borella
Report Date: 31 May 2024



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GRAPHS

