



CONSTRUCTION EQUIPMENT

41850 VOLVO A40G 352912 - FRONT AXLE



Sample No: VCP453840
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 41850



SAMPLE INFORMATION

Sample Number	VCP453840	---	---	---
Sample Date	22 May 2024	---	---	---
Machine Hours	4094	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

215 - ASCENDUM MACHINERY INC - CAYCE
 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
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OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 166	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 15	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 2492	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 292	---	---	---

Depot: VOLVO0013
Unique No: 11056503
Signed: Angela Borella
Report Date: 31 May 2024



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GRAPHS

