



CONSTRUCTION EQUIPMENT

23807 VOLVO A40 352615 - DROP BOX



Sample No: VCP405641
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 23807



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
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SAMPLE INFORMATION

Sample Number	VCP405641	---	---	---
Sample Date	28 Jul 2023	---	---	---
Machine Hours	3743	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 79.7	---	---	---
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CONTAMINATION

Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	▲ 527	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 9	---	---	---
Molybdenum	ppm	■ 25	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 1782	---	---	---
Magnesium	ppm	■ 16	---	---	---
Zinc	ppm	■ 687	---	---	---
Phosphorus	ppm	■ 1184	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 181	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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.

Depot: VOLVO3387
Unique No: 10585697
Signed: Don Baldrige
Report Date: 03 Aug 2023



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GRAPHS

