



CONSTRUCTION EQUIPMENT

24228 VOLVO A40G 352835 - DROP BOX



Sample No: VCP434612
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 24228



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
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SAMPLE INFORMATION

Sample Number	VCP434612	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	4008	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 47.8	---	---	---
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CONTAMINATION

Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 7	---	---	---



WEAR METALS

Iron	ppm	● 1548	---	---	---
Copper	ppm	● 168	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 15	---	---	---
Molybdenum	ppm	█ 59	---	---	---
Nickel	ppm	█ 7	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 17	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 87	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 298	---	---	---
Phosphorus	ppm	█ 2041	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 67	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO3387
Unique No: 10712187
Signed: Don Baldrige
Report Date: 27 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

