



CONSTRUCTION EQUIPMENT

42325 VOLVO A30G 752350 - DROP BOX



Sample No: VCP447890
Oil Type: GEAR OIL SAE 80W140
Job No: 42325



SAMPLE INFORMATION

Sample Number	VCP447890	---	---	---
Sample Date	07 Jun 2024	---	---	---
Machine Hours	2456	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

215 - ASCENDUM MACHINERY INC - CAYCE
 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
 Contact: GARY MARTIN
 GARY.MARTIN@ASCENDUMMACHINERY.COM
 T: (803)727-9615
 F: (803)791-9920



OIL CONDITION

Visc @ 40°C	cSt	█ 297	---	---	---
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CONTAMINATION

Water	%	▲ 1.97	---	---	---
Silicon	ppm	█ 27	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 10	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.



WEAR METALS

Iron	ppm	█ 169	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 16	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 10	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 38	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ 27	---	---	---
Phosphorus	ppm	█ 482	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 47	---	---	---

Depot: VOLVO0013
Unique No: 11074361
Signed: Don Baldrige
Report Date: 13 Jun 2024



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GRAPHS

