



CONSTRUCTION EQUIPMENT

A12465 VOLVO A35G 352266 - DROP BOX



Sample No: VCP439378
Oil Type: MOBIL GO 102
Job No: A12465



SAMPLE INFORMATION

Sample Number	VCP439378	---	---	---
Sample Date	16 Apr 2024	---	---	---
Machine Hours	555	---	---	---
Oil Hours	555	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

JAMES J ANDERSON
 6958 TORRESDALE AVENUE
 PHILADELPHIA, PA
 US 19135
 Contact: JOHN HERBUT
 herb@jjaconstruction.com
 T: (215)850-9051
 F: (215)427-0208



OIL CONDITION

Visc @ 40°C	cSt	■ 53.5	---	---	---
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CONTAMINATION

Water	%	▲ 2.26	---	---	---
Silicon	ppm	■ 36	---	---	---
Sodium	ppm	■ 13	---	---	---
Potassium	ppm	■ 16	---	---	---



WEAR METALS

Iron	ppm	▲ 522	---	---	---
Copper	ppm	▲ 126	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	56	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	10	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	61	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	337	---	---	---
Phosphorus	ppm	2313	---	---	---
Barium	ppm	7	---	---	---
Boron	ppm	172	---	---	---

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 advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is abnormal. The copper level is severe. Appearance is milky. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: JAAPHI
Unique No: 10991727
Signed: Sean Felton
Report Date: 24 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

