



CONSTRUCTION EQUIPMENT

VFS VOLVO A40G 342633 - DROP BOX



Sample No: VCP446945
Oil Type: GEAR OIL SAE 80W90
Job No: VFS



SAMPLE INFORMATION

Sample Number	VCP446945	---	---	---
Sample Date	29 Apr 2024	---	---	---
Machine Hours	8195	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

ROMCO INC
 1350 NE LOOP 820
 FORT WORTH, TX
 US 76106
 Contact: CHRIS BITNER
 CBitner@romco.com
 T:
 F: (817)626-8983



OIL CONDITION

Visc @ 40°C	cSt	● 42.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 22	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 5	---	---	---



WEAR METALS

Iron	ppm	■ 463	---	---	---
Copper	ppm	▲ 101	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 14	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	■ 10	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 2169	---	---	---
Magnesium	ppm	■ 7	---	---	---
Zinc	ppm	■ 916	---	---	---
Phosphorus	ppm	■ 1685	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 186	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. All other component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO0081
Unique No: 11017771
Signed: Don Baldrige
Report Date: 09 May 2024



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GRAPHS

