



CONSTRUCTION EQUIPMENT

737108 MARTIN MARIET VOLVO A40G 340563 - BOGIE/CENTER AXLE



Sample No: VCP432574
Oil Type: CHEVRON DELO GEAR ESI OIL 85W140
Job No: 737108 MARTIN MARIET



SAMPLE INFORMATION

Sample Number	VCP432574	---	---	---
Sample Date	18 Jan 2024	---	---	---
Machine Hours	13292	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	▲ 155	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All 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.



WEAR METALS

Iron	ppm	■ 157	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 11	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	▲ 2890	---	---	---
Magnesium	ppm	■ 26	---	---	---
Zinc	ppm	▲ 1278	---	---	---
Phosphorus	ppm	■ 968	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	▲ 39	---	---	---

Depot: VOLVO0088
Unique No: 10849060
Signed: Sean Felton
Report Date: 30 Jan 2024



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GRAPHS

