



CONSTRUCTION EQUIPMENT

11919 VOLVO A40G 352053 - FRONT AXLE



Sample No: VCP409299
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 11919



SAMPLE INFORMATION

Sample Number	VCP409299	---	---	---
Sample Date	11 Jan 2024	---	---	---
Machine Hours	5014	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
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OIL CONDITION

Visc @ 40°C	cSt	█ 149	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 4	---	---	---

Diagnosis

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 124	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 14	---	---	---
Vanadium	ppm	█ <1	---	---	---



ADDITIVES

Calcium	ppm	█ 0	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 2344	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 165	---	---	---

Depot: VOLVO8879
Unique No: 10861435
Signed: Jonathan Hester
Report Date: 06 Feb 2024



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GRAPHS

