



CONSTRUCTION EQUIPMENT

59194 VOLVO A40G 3425 10 - DROP BOX



Sample No: VCP417868
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 59194



SAMPLE INFORMATION

Sample Number	VCP417868	---	---	---
Sample Date	20 Sep 2023	---	---	---
Machine Hours	4530	---	---	---
Oil Hours	190	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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 US 28027
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OIL CONDITION

Visc @ 40°C	cSt	100	---	---	---
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CONTAMINATION

Silicon	ppm	16	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	11	---	---	---



WEAR METALS

Iron	ppm	392	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	6	---	---	---
Molybdenum	ppm	26	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	623	---	---	---
Magnesium	ppm	117	---	---	---
Zinc	ppm	425	---	---	---
Phosphorus	ppm	706	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	24	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The wear metal levels do not reflect the reported failure. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0016
Unique No: 10662694
Signed: Jonathan Hester
Report Date: 28 Sep 2023



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GRAPHS

