



CONSTRUCTION EQUIPMENT

23807 VOLVO A40 352615 - FRONT AXLE



Sample No: VCP405862
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 23807



SAMPLE INFORMATION

Sample Number	VCP405862	---	---	---
Sample Date	28 Jul 2023	---	---	---
Machine Hours	3743	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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 NORTH CHARLESTON, SC
 US 29418
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OIL CONDITION

Visc @ 40°C	cSt	140	---	---	---
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CONTAMINATION

Silicon	ppm	7	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	0	---	---	---

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	328	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	3	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	41	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	5	---	---	---
Phosphorus	ppm	1050	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	195	---	---	---

Depot: VOLVO3387
Unique No: 10585700
Signed: Sean Felton
Report Date: 03 Aug 2023



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GRAPHS

