



CONSTRUCTION EQUIPMENT

X18600 BIRD SONG VOLVO A40G 752061 - REAR AXLE



Sample No: VCP445357
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: X18600 BIRD SONG



SAMPLE INFORMATION

Sample Number	VCP445357	---	---	---
Sample Date	24 May 2024	---	---	---
Machine Hours	1194	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 3860 I-55 South
 JACKSON, MS
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	▲ 103	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 2	---	---	---
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	■ 401	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	■ 12	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 16	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 169	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 86	---	---	---
Phosphorus	ppm	■ 1531	---	---	---
Barium	ppm	■ 4	---	---	---
Boron	ppm	■ 298	---	---	---

Depot: VOLVO8771
Unique No: 11057901
Signed: Don Baldrige
Report Date: 01 Jun 2024



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GRAPHS

