



CONSTRUCTION EQUIPMENT

7010968 STANLEY VOLVO A45G 342207 - REAR AXLE



Sample No: VCP372941
Oil Type: GEAR OIL SAE 75W90
Job No: 7010968 STANLEY



SAMPLE INFORMATION

Sample Number	VCP372941	VCP273277	VCP222269	---
Sample Date	28 Jul 2022	01 Jul 2020	28 Aug 2018	---
Machine Hours	7899	3901	1005	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

McClung-Logan Virginia LLC- RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
Contact: KYLE RATLIFFE
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T:
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OIL CONDITION

Visc @ 40°C	cSt	51.3	84.3	53.69	---
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CONTAMINATION

Silicon	ppm	15	2	<1	---
Sodium	ppm	6	<1	3	---
Potassium	ppm	0	0	2	---

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	137	56	316	---
Copper	ppm	2	1	4	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	6	0	<1	---
Chromium	ppm	2	<1	6	---
Molybdenum	ppm	<1	1	11	---
Nickel	ppm	1	<1	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	3	1	12	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	29	72	19	---
Magnesium	ppm	0	10	4	---
Zinc	ppm	26	50	14	---
Phosphorus	ppm	2253	1411	2096	---
Barium	ppm	0	0	0	---
Boron	ppm	308	200	214	---

Depot: VOLVO8882
Unique No: 10078669
Signed: Don Baldrige
Report Date: 08 Aug 2022



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GRAPHS

