



CONSTRUCTION EQUIPMENT

527030 RENTAL VOLVO A25G 752592 - FRONT AXLE



Sample No: VCP446192
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: 527030 RENTAL



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP446192	VCP432053	---	---
Sample Date	04 Apr 2024	27 Sep 2023	---	---
Machine Hours	1758	1045	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 207	220	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 3	█ 3	---	---
Sodium	ppm	█ 1	█ 4	---	---
Potassium	ppm	█ 1	█ 2	---	---



WEAR METALS

Iron	ppm	█ 121	█ 89	---	---
Copper	ppm	█ 14	█ 11	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 0	█ 5	---	---
Chromium	ppm	█ 2	█ 2	---	---
Molybdenum	ppm	█ 18	█ 18	---	---
Nickel	ppm	█ 2	█ 1	---	---
Titanium	ppm	█ 0	█ 0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 4	█ 4	---	---
Vanadium	ppm	<1	█ 0	---	---



ADDITIVES

Calcium	ppm	█ 240	█ 206	---	---
Magnesium	ppm	█ 38	█ 42	---	---
Zinc	ppm	█ 138	█ 133	---	---
Phosphorus	ppm	█ 992	█ 1147	---	---
Barium	ppm	█ <1	█ 0	---	---
Boron	ppm	█ 158	█ 148	---	---

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10969519
Signed: Don Baldrige
Report Date: 13 Apr 2024



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GRAPHS

