



CONSTRUCTION EQUIPMENT

SWA543637 TADANO GR350XL 562450 - FRONT RIGHT FINAL DRIVE



Sample No: VCP436389
Oil Type: GEAR OIL SAE 75W90
Job No: SWA543637



SAMPLE INFORMATION

Sample Number	VCP436389	VCP440539	---	---
Sample Date	31 May 2024	17 Nov 2023	---	---
Machine Hours	2164	1147	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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 5000 INDUSTRIAL HWY
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OIL CONDITION

Visc @ 40°C	cSt	115	183	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	12	---	---
Sodium	ppm	<1	4	---	---
Potassium	ppm	1	<1	---	---



WEAR METALS

Iron	ppm	43	76	---	---
Copper	ppm	<1	3	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	0	---	---
Chromium	ppm	<1	2	---	---
Molybdenum	ppm	9	22	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	0	69	---	---
Magnesium	ppm	<1	0	---	---
Zinc	ppm	3	27	---	---
Phosphorus	ppm	1277	1281	---	---
Barium	ppm	4	12	---	---
Boron	ppm	295	224	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8885
Unique No: 11083382
Signed: Sean Felton
Report Date: 18 Jun 2024



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GRAPHS

