



CONSTRUCTION EQUIPMENT

STANLEY VOLVO ECR145E 314461 - SWING DRIVE



Sample No: VCP447903
Oil Type: GEAR OIL SAE 80W90
Job No: STANLEY



SAMPLE INFORMATION

Sample Number	VCP447903	VCP283800	VCP310329	---
Sample Date	17 Jan 2024	26 Oct 2021	14 Apr 2021	---
Machine Hours	1919	946	471	---
Oil Hours	0	946	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
 KRATLIFFE@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	132	270	175	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	7	10	20	---
Sodium	ppm	3	3	1	---
Potassium	ppm	0	<1	<1	---



WEAR METALS

Iron	ppm	176	548	1213	---
Copper	ppm	4	7	16	---
Lead	ppm	0	<1	0	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	0	1	4	---
Chromium	ppm	1	6	14	---
Molybdenum	ppm	0	<1	1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	4	0	---
Manganese	ppm	2	5	12	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	10	16	9	---
Magnesium	ppm	<1	5	<1	---
Zinc	ppm	26	28	14	---
Phosphorus	ppm	1382	742	454	---
Barium	ppm	<1	2	4	---
Boron	ppm	143	138	2	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.
 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.

Depot: VOLVO8882
Unique No: 10844639
Signed: Wes Davis
Report Date: 23 Jan 2024



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GRAPHS

