



CONSTRUCTION EQUIPMENT

SPM632902 MILBRUN VOLVO ECR145EL 314529 - RIGHT FINAL DRIVE



Sample No: VCP429098
Oil Type: GEAR OIL SAE 80W90
Job No: SPM632902 MILBRUN



SAMPLE INFORMATION

Sample Number	VCP429098	VCP404914	VCP377326	---
Sample Date	10 Nov 2023	24 Mar 2023	11 May 2022	---
Machine Hours	2235	1710	1215	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	163	147	149	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	8	133	87	---
Sodium	ppm	5	8	6	---
Potassium	ppm	2	7	5	---

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	59	475	281	---
Copper	ppm	<1	<1	0	---
Lead	ppm	0	0	0	---
Tin	ppm	0	24	22	---
Aluminum	ppm	2	18	15	---
Chromium	ppm	1	9	6	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	<1	2	2	---
Titanium	ppm	3	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	8	5	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	388	42	86	---
Magnesium	ppm	15	5	2	---
Zinc	ppm	196	46	46	---
Phosphorus	ppm	485	1790	1832	---
Barium	ppm	3	0	0	---
Boron	ppm	33	125	155	---

Depot: VOLVO8885
Unique No: 10767306
Signed: Sean Felton
Report Date: 05 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

