



CONSTRUCTION EQUIPMENT

SPM632902 MILBRUN VOLVO ECR145EL 314529 - LEFT FINAL DRIVE



Sample No: VCP429099
Oil Type: GEAR OIL SAE 80W90
Job No: SPM632902 MILBRUN



SAMPLE INFORMATION

Sample Number	VCP429099	VCP404912	VCP377332	---
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	NORMAL	NORMAL	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
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 F:



OIL CONDITION

Visc @ 40°C	cSt	163	149	148	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	11	24	26	---
Sodium	ppm	10	4	4	---
Potassium	ppm	2	<1	<1	---

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	85	168	226	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	13	19	---
Aluminum	ppm	2	4	4	---
Chromium	ppm	2	4	5	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	4	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	4	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	520	177	32	---
Magnesium	ppm	21	3	1	---
Zinc	ppm	260	111	32	---
Phosphorus	ppm	646	1551	1722	---
Barium	ppm	3	0	0	---
Boron	ppm	44	113	152	---

Depot: VOLVO8885
Unique No: 10767312
Signed: Sean Felton
Report Date: 05 Dec 2023



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GRAPHS

