



CONSTRUCTION EQUIPMENT

595599 MADOR CONTRAC VOLVO ECR145E 311546 - SWING DRIVE



Sample No: VCP416959
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 595599 MADOR CONTRAC



SAMPLE INFORMATION

Sample Number	VCP416959	VCP312804	---	---
Sample Date	12 Sep 2023	02 Dec 2021	---	---
Machine Hours	4054	2909	---	---
Oil Hours	1000	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
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OIL CONDITION

Visc @ 40°C	cSt	328	307	---	---
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CONTAMINATION

Silicon	ppm	3	4	---	---
Sodium	ppm	1	<1	---	---
Potassium	ppm	<1	0	---	---

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	53	88	---	---
Copper	ppm	4	10	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	21	70	---	---
Magnesium	ppm	0	4	---	---
Zinc	ppm	0	31	---	---
Phosphorus	ppm	1009	876	---	---
Barium	ppm	0	0	---	---
Boron	ppm	188	153	---	---

Depot: VOLVO2990
Unique No: 10655635
Signed: Sean Felton
Report Date: 20 Sep 2023



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GRAPHS

