



CONSTRUCTION EQUIPMENT

9848 VOLVO ECR145 315091 - REAR RIGHT FINAL DRIVE



Sample No: VCP437456
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 9848



SAMPLE INFORMATION

Sample Number	VCP437456	VCP398522	VCP355753	VCP342300
Sample Date	10 Jan 2024	10 Apr 2023	24 Mar 2022	25 Oct 2021
Machine Hours	2869	1864	973	481
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

JON M HALL COMPANY
 1920 BOOTHE CIRCLE SUITE 110
 LONGWOOD, FL
 US 32750
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	295	288	288	136
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T: (407)215-0410
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	35	9	5	10
Sodium	ppm	0	2	1	6
Potassium	ppm	0	0	0	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	270	312	200	608
Copper	ppm	2	0	<1	2
Lead	ppm	0	0	0	0
Tin	ppm	8	15	13	25
Aluminum	ppm	2	<1	1	2
Chromium	ppm	4	3	3	11
Molybdenum	ppm	2	<1	1	<1
Nickel	ppm	2	<1	<1	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	3	14
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	60	34	45	31
Magnesium	ppm	16	13	14	3
Zinc	ppm	53	49	49	29
Phosphorus	ppm	1037	875	1009	312
Barium	ppm	0	0	0	0
Boron	ppm	144	114	139	2

Depot: JONLON
Unique No: 10832909
Signed: Wes Davis
Report Date: 17 Jan 2024



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GRAPHS

