



CONSTRUCTION EQUIPMENT

564312 VOLVO ECR145 315091 - SWING DRIVE



Sample No: VCP450728
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 564312



SAMPLE INFORMATION

Sample Number	VCP450728	VCP437455	VCP407498	VCP356943
Sample Date	21 May 2024	10 Jan 2024	10 Apr 2023	24 Mar 2022
Machine Hours	3348	2869	1864	973
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	263	295	281	277
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T: (407)215-0410
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	7	5
Sodium	ppm	<1	0	0	0
Potassium	ppm	1	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	30	40	63	53
Copper	ppm	4	5	8	8
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	1	1	1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	31	67	30	30
Magnesium	ppm	7	16	12	12
Zinc	ppm	20	47	23	27
Phosphorus	ppm	820	988	811	865
Barium	ppm	0	0	0	0
Boron	ppm	132	169	134	131

Depot: JONLON
Unique No: 11049303
Signed: Wes Davis
Report Date: 30 May 2024



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GRAPHS

