



CONSTRUCTION EQUIPMENT

621739 VOLVO EC750 310137 - LEFT SWING DRIVE



Sample No: VCP431439
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 621739



SAMPLE INFORMATION

Sample Number	VCP431439	VCP365881	VCP349222	VCP328493
Sample Date	30 Nov 2023	12 Sep 2022	01 Mar 2022	23 Oct 2021
Machine Hours	6059	5083	4065	3614
Oil Hours	1000	1000	0	1000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BLAZE CONSTRUCTION

5640 ST JEAN ST
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 Contact: DAVE WARD
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 F:



OIL CONDITION

Visc @ 40°C	cSt	157	203	148	338
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	19	11	6
Sodium	ppm	<1	<1	0	<1
Potassium	ppm	0	<1	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	234	146	10	190
Copper	ppm	2	3	0	4
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	2	2	<1
Chromium	ppm	2	<1	0	1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	3	1	0	1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	20	45	9	22
Magnesium	ppm	<1	<1	<1	1
Zinc	ppm	89	51	4	23
Phosphorus	ppm	1606	1582	2055	802
Barium	ppm	0	0	0	0
Boron	ppm	78	151	119	153

Depot: BLADET
Unique No: 10779571
Signed: Don Baldrige
Report Date: 12 Dec 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

