



CONSTRUCTION EQUIPMENT

135260 VOLVO EC750E 314194 - RIGHT SWING DRIVE



Sample No: VCP434672
Oil Type: GEAR OIL SAE 80W90
Job No: 135260



SAMPLE INFORMATION

Sample Number	VCP434672	VCP430612	VCP410079	VCP418724
Sample Date	29 Dec 2023	02 Oct 2023	07 Aug 2023	20 Jun 2023
Machine Hours	2941	2442	1964	1488
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	SEVERE	NORMAL	NORMAL	NORMAL

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
 SCURRY, TX
 US 75158
 Contact: WALLACE WARREN
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OIL CONDITION

Visc @ 40°C	cSt	131	126	129	128
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CONTAMINATION

Water	%	1.58	NEG	NEG	NEG
Silicon	ppm	6	2	6	2
Sodium	ppm	1	<1	0	0
Potassium	ppm	0	<1	1	<1

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. Appearance is unacceptable. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.



WEAR METALS

Iron	ppm	280	64	218	92
Copper	ppm	10	2	9	4
Lead	ppm	<1	0	0	0
Tin	ppm	2	<1	0	0
Aluminum	ppm	1	<1	2	0
Chromium	ppm	3	<1	3	1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	<1	3	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	59	37	51	48
Magnesium	ppm	6	2	3	2
Zinc	ppm	110	39	52	58
Phosphorus	ppm	1020	972	961	966
Barium	ppm	0	0	2	0
Boron	ppm	114	193	167	165

Depot: LATSCU
Unique No: 10821551
Signed: Sean Felton
Report Date: 10 Jan 2024



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VOLVO GRAPHS

