



CONSTRUCTION EQUIPMENT

133988 VOLVO EC750E 314191 - LEFT SWING DRIVE



Sample No: VCP416019
Oil Type: GEAR OIL SAE 80W90
Job No: 133988



LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
 SCURRY, TX
 US 75158
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SAMPLE INFORMATION

Sample Number	VCP416019	VCP418720	VCP410104	VCP401900
Sample Date	08 Aug 2023	20 Jun 2023	17 Apr 2023	20 Feb 2023
Machine Hours	2037	1596	985	488
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	128	127	132	172
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CONTAMINATION

Silicon	ppm	3	1	2	7
Sodium	ppm	1	0	0	2
Potassium	ppm	<1	<1	0	<1



WEAR METALS

Iron	ppm	89	51	85	205
Copper	ppm	4	2	5	13
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	0	<1	2
Chromium	ppm	1	<1	<1	4
Molybdenum	ppm	0	<1	2	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	<1	1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	70	68	98	6
Magnesium	ppm	2	<1	7	<1
Zinc	ppm	46	45	56	19
Phosphorus	ppm	954	972	869	274
Barium	ppm	0	0	0	3
Boron	ppm	163	195	163	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.

Depot: LATSCU
Unique No: 10603758
Signed: Jonathan Hester
Report Date: 16 Aug 2023



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GRAPHS

