



CONSTRUCTION EQUIPMENT

133988 VOLVO EC750E 314191 - RIGHT SWING DRIVE



Sample No: VCP416021
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	VCP416021	VCP418725	VCP410102	VCP396499
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	N/A	Changed
Sample Status	NORMAL	NORMAL	MARGINAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	128	128	131	175
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CONTAMINATION

Silicon	ppm	2	<1	4	6
Sodium	ppm	0	<1	0	3
Potassium	ppm	<1	<1	0	<1



WEAR METALS

Iron	ppm	61	43	67	194
Copper	ppm	7	4	9	26
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	2
Chromium	ppm	<1	<1	<1	4
Molybdenum	ppm	<1	<1	2	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	70	74	95	17
Magnesium	ppm	1	2	7	<1
Zinc	ppm	54	47	56	26
Phosphorus	ppm	954	977	864	278
Barium	ppm	2	0	0	5
Boron	ppm	190	196	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: 10603737
Signed: Wes Davis
Report Date: 15 Aug 2023



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GRAPHS

