



CONSTRUCTION EQUIPMENT

136477 VOLVO EC750E 314194 - REAR LEFT FINAL DRIVE



Sample No: VCP447661
Oil Type: GEAR OIL SAE 80W90
Job No: 136477



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

Sample Number	VCP447661	VCP443077	VCP434637	VCP433908
Sample Date	04 Jun 2024	19 Mar 2024	29 Dec 2023	02 Oct 2023
Machine Hours	3975	3477	2941	2442
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	SEVERE	SEVERE	SEVERE	ABNORMAL

OIL CONDITION

Visc @ 40°C	cSt	132	132	129	128
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CONTAMINATION

Water	%	NEG	0.161	0.138	NEG
Silicon	ppm	48	716	530	130
Sodium	ppm	0	<1	4	1
Potassium	ppm	2	22	17	4

WEAR METALS

Iron	ppm	1503	1600	1133	604
Copper	ppm	4	4	2	1
Lead	ppm	0	1	<1	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	5	105	89	22
Chromium	ppm	4	11	8	4
Molybdenum	ppm	9	14	0	0
Nickel	ppm	1	4	2	<1
Titanium	ppm	<1	7	6	1
Silver	ppm	0	0	<1	0
Manganese	ppm	8	13	10	5
Vanadium	ppm	<1	<1	<1	0

ADDITIVES

Calcium	ppm	37	230	119	50
Magnesium	ppm	19	66	12	6
Zinc	ppm	73	95	30	24
Phosphorus	ppm	786	1000	985	977
Barium	ppm	0	2	0	0
Boron	ppm	19	195	140	165

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: LATSCU
Unique No: 11072532
Signed: Don Baldrige
Report Date: 12 Jun 2024



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GRAPHS

