



CONSTRUCTION EQUIPMENT

619747 GREGCO RECYC SDLG L959F 640022 - TRANSMISSION (AUTO)



Sample No: VCP433328
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 619747 GREGCO RECYC



SAMPLE INFORMATION

Sample Number	VCP433328	VCP374620	VCP313594	---
Sample Date	10 Oct 2023	14 Jun 2022	20 Oct 2021	---
Machine Hours	3951	2074	1550	---
Oil Hours	1000	1500	1500	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	ABNORMAL	ABNORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	75.6	71.5	27.1	---
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CONTAMINATION

Silicon	ppm	5	9	10	---
Sodium	ppm	7	12	10	---
Potassium	ppm	3	0	1	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Clutch and/or bushing/bearing wear is indicated. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	15	13	60	---
Copper	ppm	▲ 141	▲ 161	33	---
Lead	ppm	▲ 406	▲ 451	1	---
Tin	ppm	2	4	7	---
Aluminum	ppm	2	3	45	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	35	42	0	---
Nickel	ppm	0	<1	4	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	4	0	---
Manganese	ppm	4	6	3	---
Vanadium	ppm	<1	<1	<1	---



ADDITIVES

Calcium	ppm	2198	2523	127	---
Magnesium	ppm	279	244	8	---
Zinc	ppm	1178	1025	21	---
Phosphorus	ppm	1039	915	210	---
Barium	ppm	<1	0	1	---
Boron	ppm	223	297	75	---

Depot: VOLVO0093
Unique No: 10742497
Signed: Don Baldrige
Report Date: 18 Nov 2023



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GRAPHS

