



CONSTRUCTION EQUIPMENT

9156 VOLVO EC350E 310571 - REAR RIGHT FINAL DRIVE



Sample No: VCP407903
Oil Type: CHEVRON DELO GEAR ESI OIL 85W140
Job No: 9156



SAMPLE INFORMATION

Sample Number	VCP407903	VCP361414	VCP241557	VCP223368
Sample Date	22 Jun 2023	21 Apr 2022	18 Apr 2019	17 Aug 2018
Machine Hours	9970	7993	2007	488
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RECYCLE 1

4700 LAWRENCE ST
 HYATTSVILLE, MD
 US 20781

Contact: MIKE DESJARDINS
 mdesjarkins@wbwaste.com

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OIL CONDITION

Visc @ 40°C	cSt	284	170	58.9	181.7
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CONTAMINATION

Silicon	ppm	4	4	3	5
Sodium	ppm	2	0	2	2
Potassium	ppm	6	1	20	4

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.



WEAR METALS

Iron	ppm	34	40	53	56
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	<1	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	<1	<1	<1
Chromium	ppm	2	1	1	2
Molybdenum	ppm	4	16	<1	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	93	441	9	13
Magnesium	ppm	36	130	<1	4
Zinc	ppm	55	283	13	13
Phosphorus	ppm	981	966	1853	392
Barium	ppm	0	0	<1	1
Boron	ppm	180	185	198	<1

Depot: RECHYA
Unique No: 10535216
Signed: Jonathan Hester
Report Date: 30 Jun 2023



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GRAPHS

