



CONSTRUCTION EQUIPMENT

SWO-072401 - REAR RIGHT FINAL DRIVE



Sample No: VCP439792
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-072401



SAMPLE INFORMATION

Sample Number	VCP439792	VCP452425	VCP412512	VCP424603
Sample Date	31 May 2024	04 Mar 2024	03 Nov 2023	11 Jul 2023
Machine Hours	10125	9648	9145	8645
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	269	233	231	182
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	20	19	4
Sodium	ppm	0	2	<1	1
Potassium	ppm	0	0	0	<1

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	15	76	56	48
Copper	ppm	<1	1	0	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	3	3	<1
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	7	6	4	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	198	77	76	78
Magnesium	ppm	42	30	33	46
Zinc	ppm	130	69	73	111
Phosphorus	ppm	990	961	951	1377
Barium	ppm	0	0	0	0
Boron	ppm	198	156	149	192

Depot: SAIBIR
Unique No: 11071134
Signed: Jonathan Hester
Report Date: 12 Jun 2024

VOLVO GRAPHS

