



CONSTRUCTION EQUIPMENT

SWO-072401 - BOGIE/CENTER AXLE



Sample No: VCP439799
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-072401



SAMPLE INFORMATION

Sample Number	VCP439799	VCP452416	VCP431059	VCP424668
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 Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	272	247	242	204
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	10	9	3
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	18	93	68	39
Copper	ppm	0	1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	1	<1	<1
Chromium	ppm	<1	2	1	<1
Molybdenum	ppm	7	6	4	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	1	1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	181	137	69	44
Magnesium	ppm	40	25	27	39
Zinc	ppm	124	78	61	82
Phosphorus	ppm	995	970	903	1346
Barium	ppm	0	0	0	0
Boron	ppm	205	171	157	194

Depot: SAIBIR
Unique No: 11071135
Signed: Jonathan Hester
Report Date: 12 Jun 2024



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VOLVO GRAPHS

