



CONSTRUCTION EQUIPMENT

SWO-071489 VOLVO A60 A60H 340102 - DROP BOX



Sample No: VCP455492
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-071489



SAMPLE INFORMATION

Sample Number	VCP455492	VCP446974	VCP431905	VCP404951
Sample Date	25 Apr 2024	01 Feb 2024	28 Sep 2023	11 Jul 2023
Machine Hours	10205	9767	9302	8821
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	272	319	318	315
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	6	6	6
Sodium	ppm	<1	0	2	<1
Potassium	ppm	0	1	<1	<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	26	107	66	58
Copper	ppm	0	1	<1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	3	12	10	10
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	10	0	1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	152	48	51	56
Magnesium	ppm	42	10	9	10
Zinc	ppm	120	17	25	33
Phosphorus	ppm	986	911	1124	1139
Barium	ppm	0	5	0	0
Boron	ppm	166	194	235	186

Depot: SAIBIR
Unique No: 11005571
Signed: Jonathan Hester
Report Date: 03 May 2024



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VOLVO GRAPHS

