



CONSTRUCTION EQUIPMENT

SWO-069775 VOLVO A60H 350021 - DROP BOX



Sample No: VCP416342
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-069775



SAMPLE INFORMATION

Sample Number	VCP416342	VCP427444	VCP424801	VCP401090
Sample Date	15 Feb 2024	25 Sep 2023	12 Jun 2023	03 Mar 2023
Machine Hours	7887	7398	6877	6375
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	345	338	343	338
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	2	2	3
Sodium	ppm	<1	0	0	0
Potassium	ppm	<1	0	<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	226	74	61	46
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	4	5	<1	<1
Chromium	ppm	3	<1	<1	<1
Molybdenum	ppm	<1	1	2	1
Nickel	ppm	2	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	2
Manganese	ppm	2	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	69	66	67	51
Magnesium	ppm	11	9	8	6
Zinc	ppm	63	55	68	40
Phosphorus	ppm	1066	1121	1027	691
Barium	ppm	0	0	2	0
Boron	ppm	141	159	157	106

Depot: SAIBIR
Unique No: 10900276
Signed: Jonathan Hester
Report Date: 29 Feb 2024



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GRAPHS

